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July 28, 2021

Mr. Steve Tafuni
Southwest District Office
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

Re: **Review of Semi-Annual Sampling Results**
First Half of 2021 Sampling Event
Hardee County Landfill
WACS Facility ID No. SWD/25/40612
Permit No. 38414-016-SO/01

Dear Mr. Tafuni:

On behalf of the Hardee County Solid Waste Department, Atkins presents this review of the results of the first half of 2021 sampling event for the facility referenced above. This document is designed to comply with the requirements of Appendix 3-Water Quality Monitoring Plan, included with the facility's operation permit, and was compiled in general accordance with the guidelines promulgated in Chapter 62-701.510(9)(a) of the Florida Administrative Code (FAC).

BACKGROUND

The Hardee County Solid Waste Disposal Facility is an active Class I landfill, which encompasses approximately 100 acres of land at 685 Airport Road in Hardee County, Florida. In November 2013, the County received a construction permit (38414-015-SC/01) for Phase II Section II Construction. Phase II Section II is located along the west side of the current waste placement area. Also in November 2013, the County received an operation permit associated with the Phase II Sections I & II operation. In 2014, the County completed construction of the waste cell for Phase II Section II. This required abandonment of two existing monitoring wells, abandonment of multiple piezometers, and installation of two new monitoring wells. According to the facility's operating permit (38414-016-SO/01), the water quality monitoring network is designed to monitor the groundwater in the surficial aquifer and the surface water.

The groundwater monitoring network includes eight monitoring wells, which are designated MW-1, MW-2, MW-4, MW-10R, MW-11, MW-12R, MW-13, and MW-14. The facility's permit designates MW-1 and MW-4 as background wells and the other wells as detection wells. Item 3 of Appendix 3-Water Quality Monitoring Plan lists the monitoring wells and piezometers applicable to the facility's current operation permit.

There are two other monitoring wells, MW-6 and MW-7, which are designated by the permit as piezometers, along with 12 other piezometers. Please note that the following former piezometers have been abandoned and are no longer included in the operating permit: PZ-1, PZ-2, PZ-3, PZ-4, PZ-5, PZ-6, PZ-9, PZ-10, PZ-15, and PZ-16. The layout of the site is presented in **Figure 1**.

Item 4 of Appendix 3-Water Quality Monitoring Plan of the facility's operation permit specifies that groundwater samples shall be collected from the monitoring wells on a semi-annual basis. The groundwater samples are analyzed for the analytes listed on the 40 Code of Federal Regulations (CFR) Part 258, Appendix I, as well as for total ammonia, iron, chlorides, mercury, nitrate, sodium, and total dissolved solids (TDS). These analytes are also listed in Item 4 of Appendix 3 of the facility's operation permit.

Item 8 of Appendix 3-Water Quality Monitoring Plan of the facility's operation permit calls for the collection of a surface water sample from one location, which is designated SW-2. The surface water samples are normally collected during both semi-annual sampling events during the year if sufficient water is present.

The groundwater and surface water sampling points are illustrated in **Figure 1**.

FIRST HALF 2021 SAMPLING EVENT

The first half of 2021 sampling event was conducted on June 29 and 30, 2021. Groundwater samples and one surface water sample were collected during this event. The groundwater and surface water samples were collected in general accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedure for Field Activities (SOP 001/01). Sample collection was performed by Atkins personnel, and analysis was performed by Flowers Chemical Laboratories, Inc. (FCL). FCL is a NELAC-certified laboratory. A FDEP Water Quality Monitoring Certification form for the sampling event is provided in **Attachment A**.

Sample Collection Methodology

Prior to sampling the monitoring wells, each well was purged with a peristaltic pump using the "low-flow" method. A minimum equivalent of one to three well volumes was purged from each well prior to sample collection. Temperature, pH, conductivity, dissolved oxygen (DO), and turbidity measurements were monitored and recorded throughout the purging process to ensure that representative water samples were collected. The groundwater samples were given identifiers which corresponded to the well of origin. Depth-to-groundwater measurements were made from the top-of-casing (TOC) at each monitoring well prior to initiating the purging process. Water level readings were also made at the piezometers listed in the permit. The water level measurements were subtracted from the TOC elevations to determine the elevation of the water table at each well and piezometer. The TOC elevations are referenced in feet above the National Geodetic Vertical Datum (NGVD). The groundwater sampling logs and field equipment calibration logs are provided in **Attachment B**.

All of the samples were placed in laboratory-prepared containers, placed on ice, and transferred to FCL for analysis of the analytes listed in the applicable sections of the facility's operation permit.

FIRST HALF 2021 SAMPLING EVENT RESULTS

Groundwater Flow Pattern

Depth to groundwater measurements were collected at the eight monitoring wells and at 14 piezometers during this sampling event. The groundwater level elevation data from this event are presented in **Table 1**. P-22 appeared to have been damaged. The groundwater elevation data were plotted and contoured to generate the groundwater elevation contour map presented in **Figure 2**. The data indicated that the groundwater in the surficial aquifer beneath the landfill was flowing to the south and southeast at the time of this sampling event. The groundwater also appeared to be flowing toward a wetland area east of the landfill. The water table gradient measured approximately 0.0015 feet per foot beneath the site (as measured between well MW-1 and well MW-10R). Water level elevation measurements were also performed at two staff gauges located in ponds on the site (SG-1 and SG-2).

Sampling Results

A description of the detections in the groundwater and surface water is presented below.

Groundwater Analytical Results

There were numerous inorganic analytes detected in the groundwater samples collected and analyzed during this sampling event. No volatile organic analytes were detected in the groundwater. The inorganic analyte detections included all of those which are typically part of the analytical program except antimony, beryllium, cadmium, lead, mercury, silver, and thallium. At least one inorganic analyte was detected at every well in the monitoring network.

The concentrations of all of the analytes that were detected in the groundwater were compared to their respective Maximum Contaminant Level (MCL), Groundwater Cleanup Target Level (GCTL), or Secondary Drinking Water Standard (SDWS) in accordance with the Florida statutes. The MCLs and SDWSs for Drinking Water Standards, Monitoring, and Reporting are promulgated by Chapter 62-550 FAC. Not every parameter has an MCL or SDWS. There were five analytes detected at concentrations that did not comply with their standards – pH, iron, TDS, nitrate (as N), and ammonia (as N). Iron, pH, and TDS have SDWS criteria. The GCTLs for nitrate and ammonia are provided in Chapter 62-777 of the FAC. A description of the detection patterns with these five analytes is described below. Arsenic is also included, as it previously has had exceedances at MW-4.

- pH - The standard for pH is any value within the range of 6.5 to 8.5 Standard Units (SU). The pH values at three of the eight wells were less than 6.5 SU, and the pH measured as low as 4.87 SU at well MW-1. The pH values at wells MW-2, MW-10R, MW-12R, MW-

13, and MW-14 were within the standard range. The pH values at both of the background wells were lower than the standard range.

- Iron - The standard for iron is 0.3 milligrams per liter (mg/L). The iron concentrations in the samples collected at five of the eight monitoring wells exceeded the standard. The iron concentration was less than the standard at MW-11, MW-12R, and MW-14. The iron concentrations at both of the background wells (MW-1 and MW-4) were well above the standard. The highest iron concentration detected during June 2021 was 12.5 mg/L (at MW-10R).
- Arsenic – Monitoring at this site has been closely tracking arsenic concentrations in MW-4. The standard for arsenic is 0.01 mg/L. For the past multiple sampling events, the arsenic concentration in MW-4 has slightly exceeded that standard. The arsenic concentration in MW-4 during December 2020 was 0.0112 mg/L, which compares closely with the May 2020 arsenic concentration (0.0101 mg/L) and with the December 2019 concentration (0.0156 mg/L). However, in June 2021, the arsenic concentration at MW-4 was slightly less than the standard (at 0.0096 mg/L). MW-4 is designated as a background well.
- TDS –The standard for TDS is 500 mg/L. The TDS concentration exceeded this standard in five monitoring wells (MW-2, MW-11, MW-12R, MW-13, and MW-14). The highest reported TDS concentration detected during June 2021 was 798 mg/L (in MW-11).
- Nitrate (as N) –The standard (GCTL) for nitrate is 10 mg/L. The nitrate concentration exceeded this standard in three monitoring wells (MW-11, MW-12R, and MW-13). The highest reported nitrate concentration detected during June 2021 was 99.2 mg/L (in MW-11).
- Ammonia (as N) –The standard (GCTL) for ammonia is 2.8 mg/L. The ammonia concentration exceeded this standard in three monitoring wells (MW-11, MW-13, and MW-14). The highest reported ammonia concentration detected during June 2021 was 14.2 mg/L (in MW-11).

A summary of the groundwater analytical results is presented in **Table 2**, and the laboratory analytical reports are provided in **Attachment C**. Trending data for these analytes are developed in the Groundwater Monitoring Plan Evaluation report submitted to FDEP. The most recent Groundwater Monitoring Plan Evaluation report was submitted to FDEP separately by SCS Engineers in 2021.

Surface Water Analytical Results

There were several inorganic analytes detected in the surface water sample (SW-2). Two volatile organic analytes, acetone and toluene, were detected in the surface water. They were detected at concentrations well below their surface water quality standards. Acetone and toluene are also common laboratory artifacts. The concentration of every analyte that was detected in the surface water sample was compared to the State surface water quality standards (if a standard existed for

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that analyte). The surface water standards are promulgated by Chapter 62-302, FAC. A summary of the surface water analytical results is presented in **Table 3**, and the laboratory analytical report is provided in **Attachment C**.

One field parameter (dissolved oxygen), with a reading of 0.86 mg/L, was less than its criteria of 5 mg/L.

SUMMARY AND CONCLUSIONS

The results of the first half of 2021 groundwater sampling event at the Hardee County Solid Waste Disposal Facility were generally consistent with those of the recent sampling events, with numerous inorganic analyte detections in the groundwater and surface water. There were five analytes detected in the groundwater that did not comply with their regulatory standards: pH, iron, TDS, nitrate, and ammonia were detected in the groundwater at concentrations in excess of their regulatory criteria. It should be noted that two of these parameters that were not in compliance with their standards in the groundwater (pH and iron) were also not in compliance with their standards in the background monitoring wells. However, for the second consecutive sampling event, TDS, nitrate, and ammonia concentrations in several wells were higher than during sampling events conducted prior to December 2020. These parameters will be closely monitored during future sampling events. Dissolved oxygen in the surface water was at a concentration less than its standard of 5 mg/L.

Based on these findings, the facility does not appear to be having a significant effect on groundwater and surface water quality. Atkins recommends that the analytical results in future sampling events be evaluated closely for any developing trends. If you have any questions regarding the information presented in this report, please call me at (813) 281-8377.

Sincerely,



A handwritten signature in blue ink that reads "Bradley J. Bayne". To the left of the signature is a circular, embossed seal or stamp that appears to be a professional or organizational logo, though the text on it is not clearly legible.

Bradley J. Bayne, PG
Senior Scientist
Florida PG No. 1733

CC: Marissa Alexander, Hardee County Public Works
FILE

TABLES

Table 1
Groundwater Elevation Data
Hardee County Landfill
First Half 2021

Well Identifier	Top-of-Casing Elevation (Ft-NGVD)	Ground Surface Elevation (Ft-NGVD)	Total Depth (Ft-TOC)	Well Diameter (Inches)	Depth to Groundwater (Ft below TOC)	Groundwater Elevation (Ft-NGVD)
Monitoring Wells						
MW-1	87.97	86.24	11.00	4	4.36	83.61
MW-2	85.86	83.75	10.50	4	3.75	82.11
MW-4	87.16	84.09	18.90	2	5.72	81.44
MW-10R	88.56	85.49	15.12	2	7.50	81.06
MW-11	88.11	85.17	13.90	2	8.25	79.86
MW-12R	89.00	85.71	23.25	2	8.62	80.38
MW-13	88.88	NM	23.00	2	4.05	84.83
MW-14	88.16	NM	23.00	2	3.33	84.83
Piezometers						
MW-6	88.25	85.06	NA	2	7.99	80.26
MW-7	87.88	84.98	NA	2	6.01	81.87
P-7	84.47	82.41	NA	2	2.99	81.48
P-8	85.32	83.25	NA	2	4.50	80.82
P-11	88.69	86.16	NA	2	7.63	81.06
P-13	87.96	87.98	NA	2	6.89	81.07
P-14	87.31	84.05	NA	2	5.22	82.09
P-17	88.82	85.88	NA	2	3.46	85.36
P-18	88.74	84.37	NA	2	4.06	84.68
P-19	86.73	84.14	NA	2	3.85	82.88
P-20	87.6	84.68	NA	2	4.91	82.69
P-21	86.63	83.57	NA	2	6.15	80.48
P-22	87.04	84.09	NA	2	0.45*	ND*
P-23	86.45	83.71	NA	2	3.11	83.34
Staff Gauges						
SG-1	80.51#	NA	NA	NA	+2.4**	82.91
SG-2	78.57#	NA	NA	NA	+3.7**	82.27

* = Casing potentially damaged ND = No Data

= lag bolt/zero elevation

** = bottom of gauge obscured by vegetation, elevation estimated

Table 2
Groundwater Analytical Summary
Hardee County Landfill
First Half 2021

Analyte	Monitoring Well:		MW-1	MW-2	MW-4	MW-10R	MW-11	MW-12R	MW-13	MW-14
	Sample Date:		6/29/2021	6/29/2021	6/29/2021	6/30/2021	6/30/2021	6/30/2021	6/30/2021	6/30/2021
	Standard ⁽¹⁾	Units								
Field Measurements										
Groundwater Elevation		ft	83.61	82.11	81.44	81.06	79.86	80.38	84.83	84.83
Temperature		deg. C	26.39	27.82	25.99	25.76	25.79	26.72	26.97	27.81
pH	6.5-8.5	STD	4.87	6.65	5.92	6.56	5.01	7.00	6.64	6.73
Conductivity		uS/cm	205	887	338	747	1255	1014	1226	1263
Dissolved Oxygen (DO)		mg/l	1.40	1.61	0.95	0.46	0.76	1.96	0.93	0.80
Turbidity		NTU	7.5	1.43	2.01	18.6	8	3.1	2.53	1.34
Inorganics (Appendix I parameters only)										
Nitrate (as N)	10	mg/l	0.0200 U	0.0200 UQ	0.0200 UQ	0.0200 U	99.2	25.4	32.0	8.24
TDS	500	mg/l	256	578	304	478	798	758	778	686
Chloride	250	mg/l	19.7	31.7	10.7	28.6	34.4	15.1	59.0	38.3
Antimony	0.006	mg/l	0.00200 U	0.00200 U						
Arsenic	0.01	mg/l	0.0044	0.0027	0.0096	0.00330	0.00100 U	0.0037	0.0023	0.0037
Barium	2	mg/l	0.0093	0.0337	0.0099	0.0150	0.222	0.0117	0.0102	0.017
Beryllium	0.004	mg/l	0.000500 U	0.000500 U						
Cadmium	0.005	mg/l	0.00100 U	0.00100 U						
Chromium	0.1	mg/l	0.0216	0.00100 U	0.00510	0.00100 U	0.0240	0.00180 I	0.002	0.00120 I
Cobalt	0.14	mg/l	0.00100 U	0.00110 I	0.00100 U					
Copper	1	mg/l	0.00100 U	0.00130 I	0.00130 I	0.0026	0.00140 I	0.0144	0.00600	0.0033
Lead	0.015	mg/l	0.00100 U	0.00100 U						
Mercury	0.002	mg/l	0.0000200 U	0.0000200 U						
Nickel	0.1	mg/l	0.0026	0.00190 I	0.00170 I	0.00180 I	0.0047	0.0072	0.0113	0.0084
Selenium	0.05	mg/l	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00230 I	0.00200 U	0.00200 U	0.00200 U
Silver	0.1	mg/l	0.000500 U	0.000500 U						
Thallium	0.002	mg/l	0.00100 U	0.00100 U						
Vanadium	0.049	mg/l	0.0183	0.0067	0.0146	0.0183	0.0062	0.0372	0.00800	0.00720
Zinc	5	mg/l	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.0287	0.0134	0.0410	0.00200 U
Ammonia (as N)	2.8	mg/l	0.0100 U	0.0100 U	0.916	1.88	14.2	0.0100 U	11.5	11.3
Iron	0.3	mg/l	6.06	7.31	9.67	12.5	0.146	0.224	0.693	0.170
Sodium	160	mg/l	14.2	27.1	8.91	16.1	32.4	23.0	29.3	24.8
Organics										
1,1,1,2-Tetrachloroethane		ug/l	0.500 U	0.500 U						
1,1,1-Trichloroethane	200	ug/l	0.500 U	0.500 U						
1,1,2,2-Tetrachloroethane		ug/l	0.500 U	0.500 U						
1,1,2-Trichloroethane	5	ug/l	0.500 U	0.500 U						
1,1-Dichloroethane		ug/l	0.500 U	0.500 U						
1,1-Dichloroethene	7	ug/l	0.500 U	0.500 U						
1,2-Dichloroethane	3	ug/l	0.500 U	0.500 U						
1,2-Dichloropropane	5	ug/l	0.500 U	0.500 U						
2-Butanone (MEK)		ug/l	5.00 U	5.00 U						
2-Hexanone		ug/l	0.500 U	0.500 U						
Acetone	6300	ug/l	5.00 U	5.00 U						
Acrylonitrile		ug/l	5.00 U	5.00 U						
Benzene	1	ug/l	0.500 U	0.500 U						
Bromoform		ug/l	1.00 U	1.00 U						
Bromomethane		ug/l	0.500 U	0.500 U						
Bromodichloromethane		ug/l	0.500 U	0.500 U						
Bromoform		ug/l	0.500 U	0.500 U						
Bromomethane		ug/l	1.00 U	1.00 U						
Carbon Disulfide	3	ug/l	1.00 U	1.00 U						
Carbon Tetrachloride		ug/l	0.500 U	0.500 U						
Chlorobenzene		ug/l	0.500 U	0.500 U						
Chloroethane		ug/l	1.00 U	1.00 U						
Chloroform		ug/l	0.500 U	0.500 U						
Chloromethane	2.7	ug/l	1.00 U	1.00 U						
Dibromoform		ug/l	0.500 U	0.500 U						
Dibromomethane		ug/l	0.500 U	0.500 U						
Ethylbenzene	700	ug/l	0.500 U	0.500 U						
Methyl Iodide		ug/l	1.00 U	1.00 U						
Methyl isobutyl ketone		ug/l	2.00 U	2.00 U						
Methylene chloride		ug/l	2.00 U	2.00 U						
Para-dichlorobenzene	75	ug/l	0.500 U	0.500 U						
Styrene	100	ug/l	0.500 U	0.500 U						
Tetrachloroethene	3	ug/l	0.500 U	0.500 U						
Toluene	1000	ug/l	0.500 U	0.500 U						
Trichloroethene	3	ug/l	0.500 U	0.500 U						
Trichlorofluoromethane		ug/l	0.500 U	0.500 U						
Vinyl Acetate		ug/l	10.0 U	10.0 U						
Vinyl chloride	1	ug/l	0.500 U	0.500 U						
Xylenes	10000	ug/l	0.500 U	0.500 U						
cis-1,2-Dichloroethene	70	ug/l	0.500 U	0.500 U						
cis-1,3-Dichloropropene		ug/l	0.500 U	0.500 U						
o-Dichlorobenzene	600	ug/l	0.500 U	0.500 U						
trans-1,2-Dichloroethene	100	ug/l	0.500 U	0.500 U						
trans-1,3,-Dichloropropene		ug/l	0.500 U	0.500 U						
trans-1,4-Dichloro-2-butene		ug/l	1.00 U	1.00 U						
1,2,3 - Trichloropropene		ug/l	0.0200 U	0.0200 U						
1,2 - Dibromoethane (EDB)		ug/l	0.0100 U	0.0100 U						
1,2 - dibromo-3-chloropropane		ug/l	0.0200 U	0.0200 U						

⁽¹⁾ - Maximum Contaminant Level (MCL) or Secondary Drinking Water Standard (SDWS), as established in Chapter 62-550. Analyte concentrations shown with shading represent an exceedance of the MCL or SDWS.

U = Compound was analyzed but not detected; I = Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

Q = Sample held beyond the acceptable holding time.

Table 3
Surface Water Analytical Summary
Hardee County Landfill
First Half 2021

Analyte	Location:		SW-2
	Sample Identifier:		SW-2
	Date of Test:		6/30/2021
	Standard(1)	Units	
<i>Field Measurements</i>			
Temperature		deg. C	No Data
pH	6-8.5	STD	6.44
Conductivity	1275	umhos/cm	468
Dissolved Oxygen (DO)	>5	mg/l	0.86
Turbidity	29+	NTU	7.45
<i>Inorganics</i>			
Nitrate (as N)		mg/l	0.0200 U
Nitrite (as N)		mg/l	0.0212 I
Total Dissolved Solids (TDS)		mg/l	316
Aluminum	1.5	mg/l	0.0100 U
Ammonia (as N)		mg/l	0.669
Antimony	4.3	mg/l	0.00200 U
Arsenic	0.05	mg/l	0.00190 I
Barium		mg/l	0.0113
Beryllium	0.00013	mg/l	0.000500 U
Cadmium	Note 2	mg/l	0.00100 U
Chromium	Note 3	mg/l	0.00110 I
Cobalt		mg/l	0.0100 U
Copper	Note 4	mg/l	0.00110 I
Iron	1	mg/l	0.793
Lead	Note 5	mg/l	0.0100 U
Mercury	0.000012	mg/l	0.00000500 U
Nickel	Note 6	mg/l	0.00160 I
Selenium	5	mg/l	0.00200 U
Silver	0.00007	mg/l	0.000500 U
Thallium	0.0063	mg/l	0.00100 U
Vanadium	0.049	mg/l	0.0028
Zinc	Note 7	mg/l	0.0164
Fecal coliform	800	mpn/100ml	591
Total Hardness (as CaCO ₃)		mg/l	170
Total Organic Carbon (TOC)		mg/l	35.4
Total Nitrogen		mg/l	3.25
Total Phosphorus		mg/l	0.979
Total Suspended Solids (TSS)		mg/l	1.00 U
Un-ionized Ammonia	0.02	mg/l	0.000937
Biological Oxygen Demand (BOD)		mg/l	28.5
Chemical Oxygen Demand (COD)		mg/l	93.0
Chlorophyll A		ug/l	11.1
Total Kheldahl Nitrogen (TKN) (as N)		mg/l	3.23
<i>Organics</i>			
1,1,1,2-Tetrachloroethane		ug/l	0.500 U
1,1,1-Trichloroethane	270	ug/l	0.500 U
1,1,2,2-Tetrachloroethane	10.8	ug/l	0.100 U
1,1,2-Trichloroethane	16	ug/l	0.500 U
1,1-Dichloroethane		ug/l	0.500 U
1,1-Dichloroethene	3.2	ug/l	0.500 U
1,2-Dichloroethane	37	ug/l	0.500 U
1,2-Dichloropropane	14	ug/l	0.200 U
1,2,3-Trichloropropane	0.2	ug/l	0.0200 U

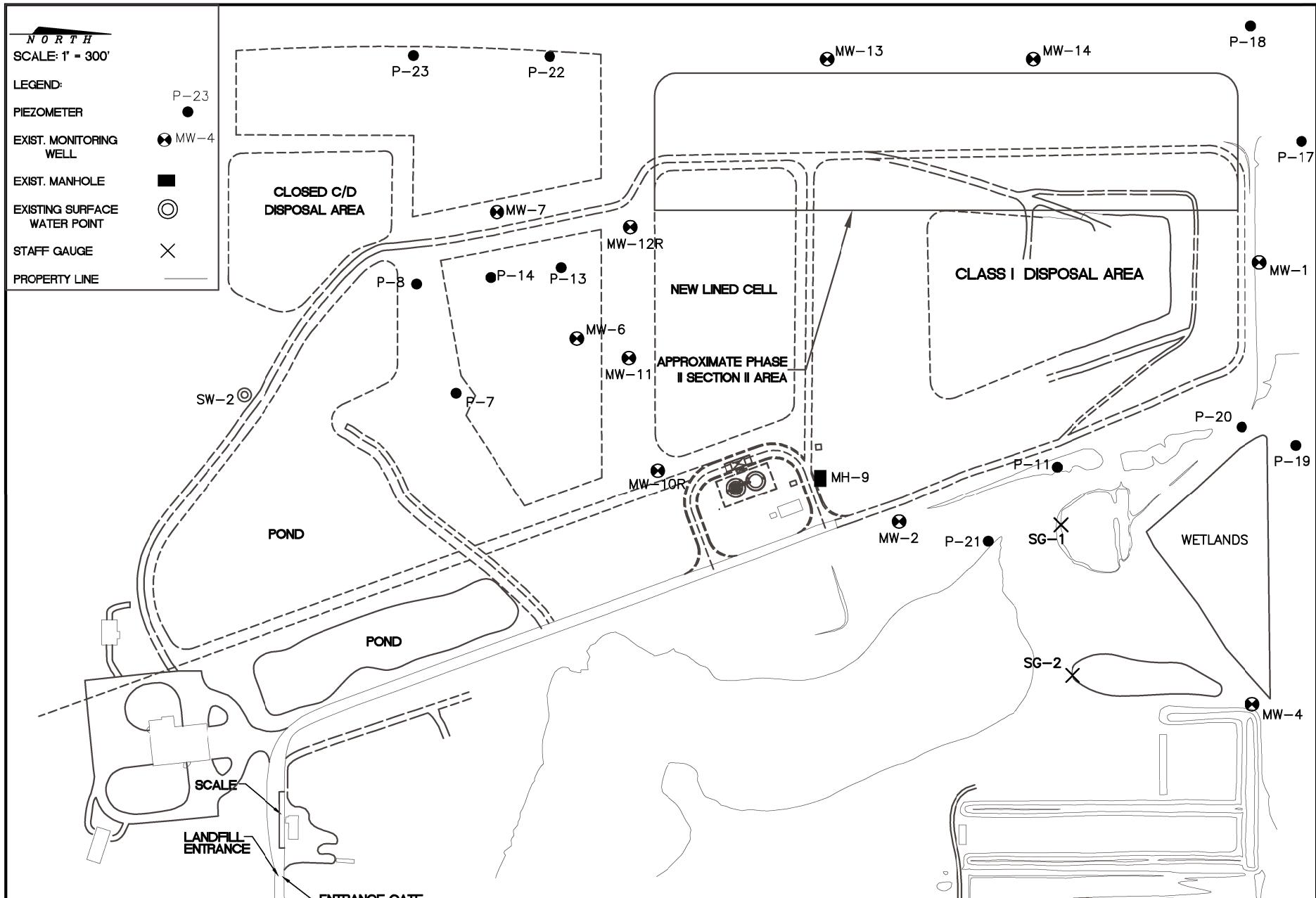
Analyte	Location:		SW-2
	Sample Identifier:		SW-2
	Date of Test:		6/30/2021
	Standard(1)	Units	
1,2-Dibromoethane (EDB)	13	ug/l	0.0100 U
1,2-Dibromo-3-chloropropane		ug/l	0.0200 U
2-Butanone (MEK)	120000	ug/l	5.00 U
2-Hexanone		ug/l	0.500 U
Acetone	1700	ug/l	12.2 Y
Acrylonitrile	0.2	ug/l	5.00 U
Benzene	71.28	ug/l	0.500 U
Bromochloromethane		ug/l	1.00 U
Bromodichloromethane	49.7	ug/l	0.500 U
Bromoform		ug/l	0.500 U
Bromomethane	35	ug/l	1.00 U
Carbon disulfide	110	ug/l	1.00 U
Carbon tetrachloride	4.42	ug/l	0.500 U
Chlorobenzene	17	ug/l	0.500 U
Chloroethane		ug/l	1.00 U
Chloroform		ug/l	0.500 U
Chloromethane	470.8	ug/l	1.00 U
Dibromochloromethane		ug/l	0.500 U
Dibromomethane	1580	ug/l	0.500 U
Ethylbenzene	610	ug/l	0.500 U
Methyl iodide		ug/l	1.00 U
Methyl isobutyl ketone		ug/l	2.00 U
Methylene chloride		ug/l	2.00 U
Para-dichlorobenzene		ug/l	0.500 U
Styrene	460	ug/l	0.500 U
Tetrachloroethene	8.85	ug/l	0.500 U
Toluene	480	ug/l	1.11 Y
Trichloroethene	80.7	ug/l	0.500 U
Trichlorofluoromethane		ug/l	0.500 U
Vinyl Acetate	700	ug/l	10.0 U
Vinyl chloride	2.4	ug/l	0.500 U
Xylenes	370	ug/l	0.500 U
cis-1,2-Dichloroethene	3.2	ug/l	0.500 U
cis-1,3-Dichloropropene	12	ug/l	0.500 U
o-Dichlorobenzene		ug/l	0.500 U
trans-1,2-Dichloroethene	11000	ug/l	0.500 U
trans-1,3,-Dichloropropene	12	ug/l	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U

Abbreviations: mg/l = milligrams per liter; ug/l = micrograms per liter; NTU = nephelometric turbidity units; mpn/100ml = most probable number (of bacteria colonies) per 100 ml. U = less than method detection limit (MDL) I = between MDL and practical quantitation limit Y = Improperly preserved sample. Data may not be accurate.

(1) Surface water standards presented in Chapter 62-302, FAC. Analyte concentrations shown with shading represent an exceedance of the regulatory level. Value of hardness is used to determine calculated standards below.

- (2) Cd less than or equal to e(0.7852(InH)-3.49)
- (3) Cr less than or equal to e(0.819(InH)+0.6848)
- (4) Cu less than or equal to e(0.845(InH)-1.702)
- (5) Pb less than or equal to e(1.273(InH)-4.705)
- (6) Ni less than or equal to e(0.846(InH)+0.0584)
- (7) Zn less than or equal to e(0.8473(InH)+0.884)

FIGURES

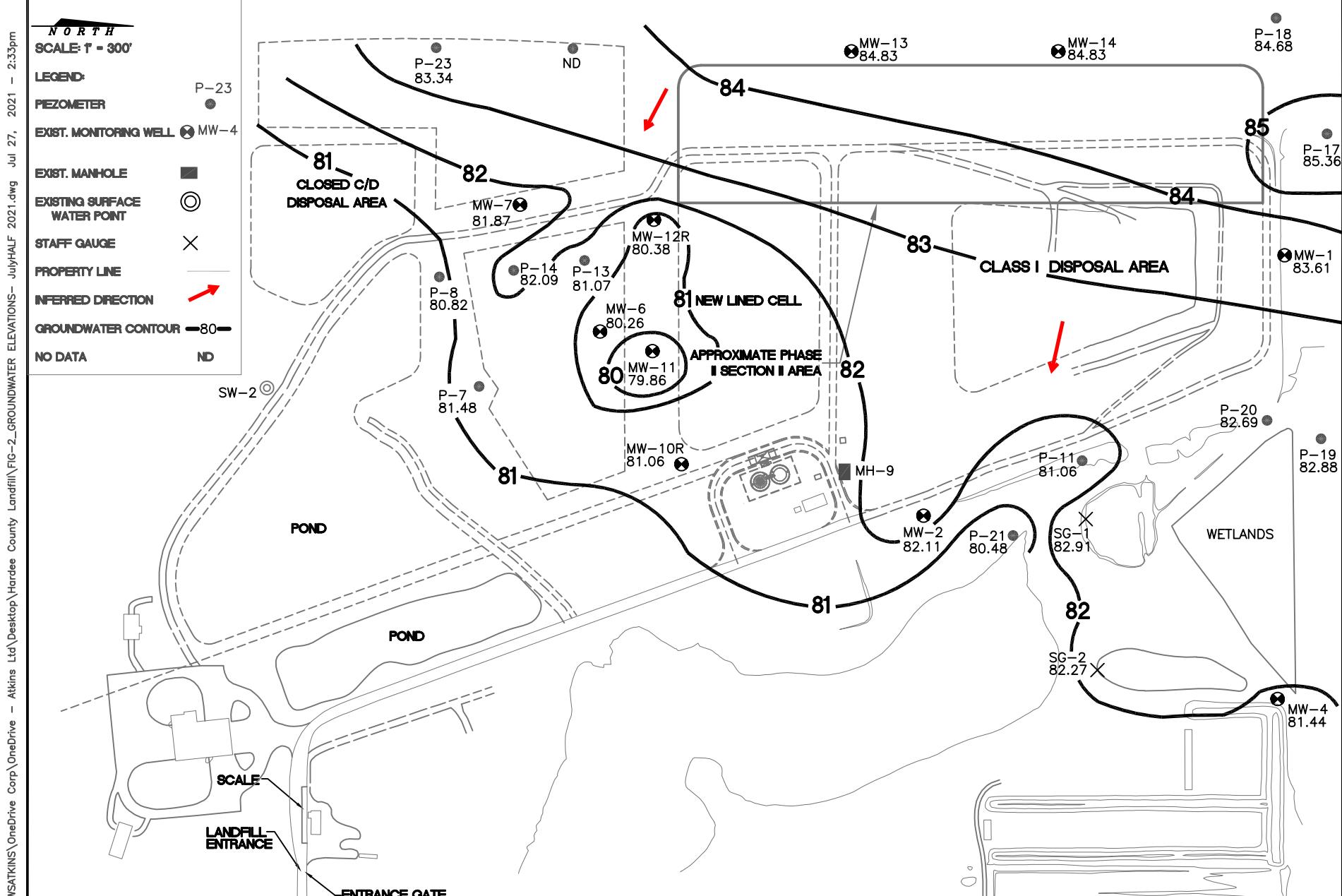


ATKINS

**HARDEE COUNTY
LANDFILL**

MONITORING POINTS

FIGURE 1



ATKINS

HARDEE COUNTY
LANDFILL

GROUNDWATER ELEVATIONS
FIRST HALF 2021

FIGURE 2

ATTACHMENT A

Ground Water Monitoring Report Form



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C.
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Hardee County Solid Waste Disposal Facility
Address 685 Airport Road
City Wauchula, FL Zip 33873 County Hardee
Telephone Number (863) 733-5089

(2) WACS Facility ID SWD-25-40612

(3) DEP Permit Number 38414-016-SO-01

(4) Authorized Representative's Name Bradley J. Bayne, P.G. Title Senior Geologist
Address Atkins North America, 4030 West Boy Scout Boulevard, Suite 700
City Tampa, FL Zip 33607 County Hillsborough
Telephone Number (813) 281-8377
Email address (if available) bradley.bayne@atkinsglobal.com

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

July 21, 2021

(Date)

bradley.bayne@atkinsglobal.com

(Owner or Authorized Representative's Signature)

Digitally signed by bradley.bayne@atkinsglobal.com
DN: CN=bradley.bayne@atkinsglobal.com
Requester: I am the owner of this document
Location: Atkins signing location
Date: 2021.07.21 11:12:39-04'00"
Raw PhantomPDF Version 11.4

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Atkins North America (see above information)

Analytical Lab NELAC / HRS Certification # NELAC # E83018

Lab Name Flowers Chemical Laboratories, Inc.

Address 481 Newburyport Avenue, Altamonte Springs, FL 32715

Phone Number (407) 399-5984

Email address (if available) june@flowerslabs.com (June Flowers)

ATTACHMENT B

Groundwater Sampling Logs and Field Equipment Calibration Logs

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

OTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: \pm 0.2 units **Temperature:** \pm 0.2 °C **Specific Conductance:** \pm 5% **Dissolved Oxygen:** all readings \leq 20% saturation (see Table FS 2200-2) optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) **Turbidity:** all readings $<$ 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160 F.A.C.
2. STAY IN TENTS.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE ES-2012, SECTION C)

pH: \geq 6.2 units Temperature: $+0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (saturation = 100%)

optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optional

• **High variability**: All readings ≥ 20 NTSC, update every 10 minutes.

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump;
RFPP = Reverse Flow Peristaltic Pump;
OTES: 1. The above codes apply to all sampling methods.
B = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
SM = Straw Method (Tubing Gravity Drain); **O** = Other (Specify).

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS IN F.C.C.

pH: \pm 0.2 units Temperature: \pm 0.2 °C Specific Conductance: \pm 5% Dissolved Oxygen: all readings \leq 20% saturation (see Table FS 2200-2);
optionally, \pm 0.2 mg/L or \pm 10% (whichever is greater) Turbidity: all readings \leq 20 NTU; optionally \pm 5 NTU or \pm 10% (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hanover Co. LF	SITE LOCATION: 685 Airport Rd, Hanover
WELL NO: MW-10R	SAMPLE ID: MW-10R 475522GW4
DATE: 6/30/21	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.50	PURGE PUMP TYPE OR BAILER: peristaltic							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				$= (23.02 \text{ feet} - 7.50 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.48 \text{ gallons}$							
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$							
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1640	PURGING ENDED AT: 1718	TOTAL VOLUME PURGED (gallons):							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{s/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1705	2.5	2.5	0.1	8.50 (4.39)	25.42	750	0.66	23.7	clear	none	
1712	0.5	3.0	0.1	8.41 (4.54)	25.70	749	0.56	19.0			
1718	0.5	3.5	0.1	8.48 (4.56)	25.70	747	0.46	18.6	↓	↓	
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Renee Price / Atkins	SAMPLER(S) SIGNATURE(S): Renee Price	SAMPLING INITIATED AT: 1718	SAMPLING ENDED AT: 1728				
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: S + HDPE	FIELD-FILTERED: Y <input checked="" type="radio"/> Filtration Equipment Type:	FILTER SIZE: _____ μm				
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/>	TUBING N <input type="radio"/> N (replaced)	DUPLICATE: Y <input checked="" type="radio"/>					
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED			
<i>SEE chain of custody</i>							

REMARKS: Heavy rainfall
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: 685 Airport Road, Wachula, FL
WELL NO: MW-11	SAMPLE ID: MW-11 475522GW5
DATE: 01/30/21	

PURGING DATA

WELL CAPACITY (Gallons Per Foot): $0.75'' = 0.02$; $1'' = 0.04$; $1.25'' = 0.06$; $2'' = 0.16$; $3'' = 0.37$; $4'' = 0.65$; $5'' = 1.02$; $6'' = 1.47$; $12'' = 5.88$
TUBING INSIDE DIA. CAPACITY (Gal./Fl.): $18'' = 0.0006$; $3/16'' = 0.0014$; $1/4'' = 0.0026$; $5/16'' = 0.004$; $3/8'' = 0.006$; $1/2'' = 0.010$; $5/8'' = 0.016$

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

REMARKS:

heavy rainfall

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); Other / Other

NOTES: 1. The above do not constitute all of the information required by Circular 20-114.

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF EXPOSURE

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212 SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: + 5% Dissolved Oxygen: all readings + 20%

optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

NOTES: 1. The above do not constitute all of the information required by Chapter 62-180, E.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

STANDARDIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

NOTES: 1. The above do not constitute all of the information required by Chapter 22-102, F.C.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS

STANDARDIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SAMPLING DATA

REMARKS:

heavy rainfall within 12 hours

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160 EAC.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE ES 2212, SECTION 2)

pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

REMARKS:

heavy rainfall within 12 hours

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify) _____

NOTES: 1. The above do not constitute all of the information required by Chapter 62-150, F.C.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FG 0010, SECTION 2)

pH: + 0.2 units Temperature: + 0.2 °C Specific Gravity: + 0.001

pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater) Turbidity: all readings $\leq 20 \text{ NTU}$; optionally $\pm 5 \text{ NTU}$ or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Hardie Co. LF	SITE LOCATION: 485 Airport Rd, Wauchuca	
WELL NO: SW-2	SAMPLE ID: SW-2 475439SW1	DATE: 4/30/21

PURGING DATA

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Renee Price / Atkings				SAMPLER(S) SIGNATURE(S): Renee Price			SAMPLING INITIATED AT: 11:15	SAMPLING ENDED AT: 11:30	
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE: S + H + HDPE		FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/> Filtration Equipment Type:		FILTER SIZE: _____ μm			
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input type="radio"/>		TUBING Y <input checked="" type="radio"/> N <input type="radio"/> (replaced)		DUPLICATE: Y <input checked="" type="radio"/> N <input type="radio"/>					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
<i>See chain of custody</i>									
REMARKS: heavy rain within 12 hours; extensive wildlife use									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									
NOTES: 1. The above do not constitute all of the information required by law. 2. This form is to be used for surface water sampling.									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212 SECTION 3)

pH: + 0.2 units Temperature: + 0.2 °C Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation / T-14

Specific Conductance: $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see T-100)

optionally, $\pm 0.2 \text{ mg/L}$ or $\pm 10\%$ (whichever is greater). Turbidity: all readings $\leq 20 \text{ NTU}$; option

Certificate of Calibration

Multi-Parameter Water Quality



<u>Equipment Type:</u>	YSI 556			
<u>Date</u>	June 28, 2021			
<u>Serial #</u>	11K100929			
<u>Calibration Standard # 1</u>	pH 4.01			
<u>Calibration Standard # 2</u>	pH 7.00			
<u>Calibration Standard # 3</u>	pH 10.00			
<u>Calibration Standard # 4</u>	100% D.O Saturation			
<u>Calibration Standard # 5</u>	Zobell ORP Solution			
<u>Calibration Standard # 6</u>	1000uS Conductivity			
<u>Calibration Standard # 7</u>				
<u>Calibration Standard # 8</u>				
<u>Calibration Standard # 9</u>				
<u>Lot # (s)</u>	20J397	20J398	20E270	9M366
	pH4.01	pH7.00	pH10.00	1000uS
<u>Expiration Date(s)</u>	Jan-22	Oct-22	Oct-22	Oct-22
<u>Ambient Temperature</u>	23°C (73.4°F)			
<u>Instrument Reading; Calibrated</u>	pH 4.00	pH 7.02	pH 10.00	Cond. 1001uS
	235.5mV ORP	8.52 mg/L D.O.		
<u>Calibrated By:</u>	Nathan Peterson	<u>Signature:</u>		

Peterson Environmental, Inc.
6704 Benjamin Rd Suite 250
Tampa, FL 33634
Phone: 813-871-2626

Certificate of Calibration

Turbidity Meters

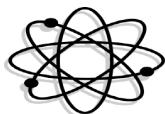


<u>Equipment Type:</u>	Hach2100Q			
<u>Date</u>	June 28, 2021			
<u>Serial #</u>	13110C029459			
<u>Calibration Standard # 1</u>	10NTU			
<u>Calibration Standard # 2</u>	20NTU			
<u>Calibration Standard # 3</u>				
<u>Calibration Standard # 4</u>				
<u>Lot # (s)</u>	A0357A			
<u>Expiration Date(s)</u>	Mar-22			
<u>Ambient Temperature</u>	23°C (73.4°F)			
<u>Instrument Reading: Calibrated</u>			10.1 NTU	20 NTU
<u>Calibrated By:</u>	Nathan Peterson 			

Peterson Environmental, Inc.
6704 Benjamin Rd Suite 250
Tampa, FL 33634
Phone: 813-871-2626

ATTACHMENT C

Groundwater and Surface Water Laboratory Analytical Reports



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

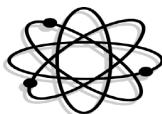
PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Report Summary

Date Received: Jul 1, 2021

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
475522GW1	MW-1	EPA350.1	CCP	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	CAV	Main Lab	
		SM4500-CI E	CCP	Main Lab	
475522GW2	MW-2	EPA350.1	CCP	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	CAV	Main Lab	
		SM4500-CI E	CCP	Main Lab	
475522GW3	MW-4	EPA350.1	CCP	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	



FLOWERS CHEMICAL LABORATORIES INC.

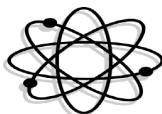
P.O. Box 150597, Altamonte Springs, FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
812 SW Harvey Green Dr, Madison, FL 32340
3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

475522GW4	MW-10R	FT1600	RJC	Main Lab	Ground Water
		SM2540 C	CAV	Main Lab	
475522GW5	MW-11	SM4500-CI E	CCP	Main Lab	Ground Water
		EPA350.1	CCP	Main Lab	
475522GW6	MW-12R	EPA353.2	PCW	Main Lab	Ground Water
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	CAV	Main Lab	
		SM4500-CI E	CCP	Main Lab	
		EPA350.1	CCP	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	CAV	Main Lab	
		SM4500-CI E	CCP	Main Lab	
		EPA350.1	CCP	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	CAV	Main Lab	



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

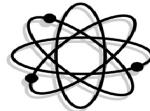
475522GW7	MW-13	SM4500-CI E	CCP	Main Lab	
		EPA350.1	CCP	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	CAV	Main Lab	
		SM4500-CI E	CCP	Main Lab	
475522GW8	MW-14	EPA350.1	CCP	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA7470A	PCW	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	CAV	Main Lab	
		SM4500-CI E	CCP	Main Lab	
475522GW9	Trip Blank	EPA8260B	YMP	Main Lab	Ground Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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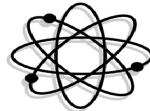
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
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Jul 14, 2021; Invoice: 475522

Analysis Report

Lab #: 475522GW1 Sampled: 06/29/21 04:46 PM Desc: MW-1

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0200	U	mg/L	1.00	0.0200	0.0400	10469024	EPA353.2	14797-55-8 07/01/21 04:11 PM
TDS	256		mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3 07/02/21
Antimony	0.00200	U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0 07/06/21
Arsenic	0.00440		mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2 07/06/21
Barium	0.00930		mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3 07/06/21
Beryllium	0.000500	U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7 07/06/21
Cadmium	0.00100	U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9 07/06/21
Chromium	0.0216		mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3 07/06/21
Cobalt	0.00100	U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4 07/06/21
Copper	0.00100	U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8 07/06/21
Lead	0.00100	U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1 07/06/21
Nickel	0.00260		mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0 07/06/21
Selenium	0.00200	U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2 07/06/21
Silver	0.000500	U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4 07/06/21
Thallium	0.00100	U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0 07/06/21
Vanadium	0.0183		mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2 07/06/21
Zinc	0.00200	U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6 07/06/21
Ammonia (as N)	0.0100	U	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7 07/07/21
1,2,3-Trichloropropane	0.0200	U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4 07/07/21
1,2-Dibromoethane (EDB)	0.0100	U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4 07/07/21
1,2-dibromo-3-chloropropane	0.0200	U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8 07/07/21
Iron	6.06		mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6 07/07/21
Sodium	14.2		mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5 07/07/21
Field Ground Water Elevation	83.6		ft	1.00	-10.0	-10.0	10469486	FT1000	
Field pH (units)	4.87		pH	1.00	0.0100	0.0200	10469487	FT1100	C006 06/29/21
Field Conductivity	205		umhos/cm	1.00	0.0100	0.0100	10469488	FT1200	
Field Temp. (C)	26.4		oC	1.00	0.0100	0.0100	10469489	FT1400	



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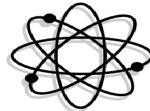
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Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #:	475522GW1	Sampled:	06/29/21 04:46 PM	Desc:	MW-1	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field DO						1.40	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity						7.45	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21
Chloride						19.7	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury						0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane						0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane						0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)						5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether						1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone						5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile						5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane						1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane						1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide						1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane						1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane						1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane						0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21



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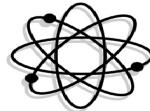
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Jul 14, 2021; Invoice: 475522

Lab #: 475522GW1 Sampled: 06/29/21 04:46 PM Desc: MW-1

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21
Surr:1,2-Dichloroethane-d4 (50-150%)	107.60%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21
Surr:Bromofluorobenzene (50-150%)	102.97%		1.00	0.0100	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	100.80%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21

Lab #: 475522GW2 Sampled: 06/29/21 02:40 PM Desc: MW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
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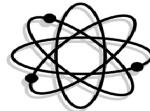
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Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0200 U Q	mg/L	1.00	0.0200	0.0400	10469024	EPA353.2	14797-55-8	07/01/21 04:11 PM
TDS	578	mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3	07/02/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0	07/06/21
Arsenic	0.00270	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2	07/06/21
Barium	0.0337	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3	07/06/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7	07/06/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9	07/06/21
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3	07/06/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4	07/06/21
Copper	0.00130 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8	07/06/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1	07/06/21
Nickel	0.00190 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0	07/06/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0	07/06/21
Vanadium	0.00670	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2	07/06/21
Zinc	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7	07/07/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4	07/07/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4	07/07/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8	07/07/21
Iron	7.31	mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6	07/07/21
Sodium	27.1	mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5	07/07/21
Field Ground Water Elevation	82.1	ft	1.00	-10.0	-10.0	10469486	FT1000		06/29/21
Field pH (units)	6.65	pH	1.00	0.0100	0.0200	10469487	FT1100	C006	06/29/21
Field Conductivity	887	umhos/cm	1.00	0.0100	0.0100	10469488	FT1200		06/29/21
Field Temp. (C)	27.8	oC	1.00	0.0100	0.0100	10469489	FT1400		06/29/21
Field DO	1.61	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity	1.43	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21



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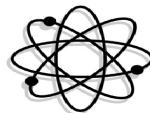
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Atkins-Tampa
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW2 Sampled: 06/29/21 02:40 PM Desc: MW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	31.7	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21



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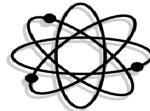
PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW2 Sampled: 06/29/21 02:40 PM Desc: MW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21
Surr:1,2-Dichloroethane-d4 (50-150%)	110.10%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21
Surr:Bromofluorobenzene (50-150%)	101.20%		1.00	0.0100	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	103.43%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21

Lab #: 475522GW3 Sampled: 06/29/21 12:16 PM Desc: MW-4

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0200 U Q	mg/L	1.00	0.0200	0.0400	10469024	EPA353.2	14797-55-8	07/01/21 04:11 PM
TDS	304	mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3	07/02/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0	07/06/21



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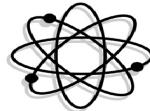
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PO #: 524345
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Lab #: 475522GW3 Sampled: 06/29/21 12:16 PM Desc: MW-4

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Arsenic	0.00960	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2	07/06/21
Barium	0.00990	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3	07/06/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7	07/06/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9	07/06/21
Chromium	0.00510	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3	07/06/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4	07/06/21
Copper	0.00130 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8	07/06/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1	07/06/21
Nickel	0.00170 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0	07/06/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0	07/06/21
Vanadium	0.0146	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2	07/06/21
Zinc	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	0.916	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7	07/07/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4	07/07/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4	07/07/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8	07/07/21
Iron	9.67	mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6	07/07/21
Sodium	8.91	mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5	07/07/21
Field Ground Water Elevation	81.4	ft	1.00	-10.0	-10.0	10469486	FT1000		06/29/21
Field pH (units)	5.92	pH	1.00	0.0100	0.0200	10469487	FT1100	C006	06/29/21
Field Conductivity	338	umhos/cm	1.00	0.0100	0.0100	10469488	FT1200		06/29/21
Field Temp. (C)	26.0	oC	1.00	0.0100	0.0100	10469489	FT1400		06/29/21
Field DO	0.950	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity	2.01	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21
Chloride	10.7	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21



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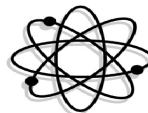
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Lab #: 475522GW3 Sampled: 06/29/21 12:16 PM Desc: MW-4

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21



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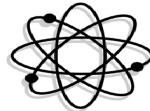
PO #: 524345
 Client Project #: HARDEE COUNTY REGIONAL LAN
 Date Sampled: Jun 29, 2021
 Jul 14, 2021; Invoice: 475522

Lab #: 475522GW3 **Sampled:** 06/29/21 12:16 PM **Desc:** MW-4

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21
Surr:1,2-Dichloroethane-d4 (50-150%)	107.57%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21
Surr:Bromofluorobenzene (50-150%)	103.17%		1.00	0.0100	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	101.13%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21

Lab #: 475522GW4 **Sampled:** 06/30/21 05:15 PM **Desc:** MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10469024	EPA353.2	14797-55-8	07/01/21 04:11 PM
TDS	478	mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3	07/02/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0	07/06/21
Arsenic	0.00330	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2	07/06/21
Barium	0.0150	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3	07/06/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7	07/06/21



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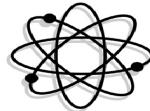
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW4 Sampled: 06/30/21 05:15 PM Desc: MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9	07/06/21
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3	07/06/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4	07/06/21
Copper	0.00260	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8	07/06/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1	07/06/21
Nickel	0.00180 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0	07/06/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0	07/06/21
Vanadium	0.0183	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2	07/06/21
Zinc	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	1.88	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7	07/07/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4	07/07/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4	07/07/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8	07/07/21
Iron	12.5	mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6	07/07/21
Sodium	16.1	mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5	07/07/21
Field Ground Water Elevation	81.1	ft	1.00	-10.0	-10.0	10469486	FT1000		06/29/21
Field pH (units)	6.56	pH	1.00	0.0100	0.0200	10469487	FT1100	C006	06/29/21
Field Conductivity	747	umhos/cm	1.00	0.0100	0.0100	10469488	FT1200		06/29/21
Field Temp. (C)	25.8	oC	1.00	0.0100	0.0100	10469489	FT1400		06/29/21
Field DO	0.460	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity	18.6	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21
Chloride	28.6	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21



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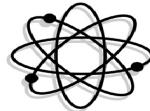
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW4 Sampled: 06/30/21 05:15 PM Desc: MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21



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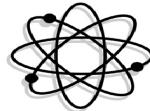
PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW4 **Sampled:** 06/30/21 05:15 PM **Desc:** MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21	
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21	
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21	
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21	
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21	
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21	
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21	
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21	
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21	
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21	
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21	
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21	
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21	
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21	
Surr:1,2-Dichloroethane-d4 (50-150%)	108.00%			1.00	0.0100	0.0100	10469642	EPA8260B	07/08/21	
Surr:Bromofluorobenzene (50-150%)	101.73%			1.00	0.0100	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	100.93%			1.00	0.0100	0.0100	10469642	EPA8260B	07/08/21	

Lab #: 475522GW5 **Sampled:** 06/30/21 04:25 PM **Desc:** MW-11

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	99.2	mg/L	20.0	0.400	0.800	10469024	EPA353.2	14797-55-8	07/01/21 04:11 PM
TDS	798	mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3	07/02/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0	07/06/21
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2	07/06/21
Barium	0.222	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3	07/06/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7	07/06/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9	07/06/21
Chromium	0.00240	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3	07/06/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4	07/06/21



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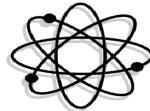
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Lab #: 475522GW5 Sampled: 06/30/21 04:25 PM Desc: MW-11

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Copper	0.00140 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8	07/06/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1	07/06/21
Nickel	0.00470	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0	07/06/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0	07/06/21
Vanadium	0.00620	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2	07/06/21
Zinc	0.0287	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	14.2	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7	07/07/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4	07/07/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4	07/07/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8	07/07/21
Iron	0.146	mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6	07/07/21
Sodium	32.4	mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5	07/07/21
Field Ground Water Elevation	79.9	ft	1.00	-10.0	-10.0	10469486	FT1000		06/29/21
Field pH (units)	5.01	pH	1.00	0.0100	0.0200	10469487	FT1100	C006	06/29/21
Field Conductivity	1260	umhos/cm	1.00	0.0100	0.0100	10469488	FT1200		06/29/21
Field Temp. (C)	25.7	oC	1.00	0.0100	0.0100	10469489	FT1400		06/29/21
Field DO	0.760	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity	7.74	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21
Chloride	34.4	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21



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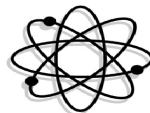
Phone: 407-339-5984 E83018 (Main Lab)
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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW5 Sampled: 06/30/21 04:25 PM Desc: MW-11

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21



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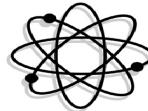
PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW5 Sampled: 06/30/21 04:25 PM Desc: MW-11

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21
Surr:1,2-Dichloroethane-d4 (50-150%)	105.73%			1.00	0.0100	10469642	EPA8260B		07/08/21
Surr:Bromofluorobenzene (50-150%)	100.53%			1.00	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	101.23%			1.00	0.0100	10469642	EPA8260B		07/08/21

Lab #: 475522GW6 Sampled: 06/30/21 03:45 PM Desc: MW-12R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	25.4	mg/L	20.0	0.400	0.800	10469024	EPA353.2	14797-55-8	07/01/21 04:11 PM
TDS	758	mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3	07/02/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0	07/06/21
Arsenic	0.00370	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2	07/06/21
Barium	0.0117	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3	07/06/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7	07/06/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9	07/06/21
Chromium	0.00180 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3	07/06/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4	07/06/21
Copper	0.0144	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8	07/06/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1	07/06/21
Nickel	0.00720	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0	07/06/21



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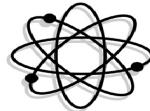
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Atkins-Tampa
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW6 Sampled: 06/30/21 03:45 PM Desc: MW-12R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Selenium	0.00230 I	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0	07/06/21
Vanadium	0.0372	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2	07/06/21
Zinc	0.0134	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7	07/07/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4	07/07/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4	07/07/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8	07/07/21
Iron	0.224	mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6	07/07/21
Sodium	23.0	mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5	07/07/21
Field Ground Water Elevation	80.4	ft	1.00	-10.0	-10.0	10469486	FT1000		06/29/21
Field pH (units)	7.00	pH	1.00	0.0100	0.0200	10469487	FT1100	C006	06/29/21
Field Conductivity	1010	umhos/cm	1.00	0.0100	0.0100	10469488	FT1200		06/29/21
Field Temp. (C)	26.7	oC	1.00	0.0100	0.0100	10469489	FT1400		06/29/21
Field DO	1.96	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity	3.05	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21
Chloride	15.1	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21



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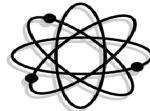
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PO #: 524345
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Lab #: 475522GW6 Sampled: 06/30/21 03:45 PM Desc: MW-12R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21



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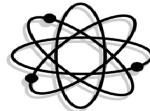
PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW6 Sampled: 06/30/21 03:45 PM Desc: MW-12R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21	
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21	
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21	
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21	
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21	
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21	
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21	
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21	
Surr:1,2-Dichloroethane-d4 (50-150%)	108.73%			1.00	0.0100	0.0100	10469642	EPA8260B	07/08/21	
Surr:Bromofluorobenzene (50-150%)	103.07%			1.00	0.0100	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	100.43%			1.00	0.0100	0.0100	10469642	EPA8260B	07/08/21	

Lab #: 475522GW7 Sampled: 06/30/21 01:00 PM Desc: MW-13

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	32.0	mg/L	20.0	0.400	0.800	10469024	EPA353.2	14797-55-8	07/01/21 04:11 PM
TDS	778	mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3	07/02/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0	07/06/21
Arsenic	0.00230	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2	07/06/21
Barium	0.0102	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3	07/06/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7	07/06/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9	07/06/21
Chromium	0.00200	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3	07/06/21
Cobalt	0.00110 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4	07/06/21
Copper	0.00600	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8	07/06/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1	07/06/21
Nickel	0.0113	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0	07/06/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0	07/06/21



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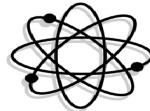
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Atkins-Tampa
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Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW7 Sampled: 06/30/21 01:00 PM Desc: MW-13

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Vanadium	0.00800	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2	07/06/21
Zinc	0.00410	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	11.5	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7	07/07/21
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4	07/07/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4	07/07/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8	07/07/21
Iron	0.693	mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6	07/07/21
Sodium	29.3	mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5	07/07/21
Field Ground Water Elevation	84.8	ft	1.00	-10.0	-10.0	10469486	FT1000		06/29/21
Field pH (units)	6.64	pH	1.00	0.0100	0.0200	10469487	FT1100	C006	06/29/21
Field Conductivity	1230	umhos/cm	1.00	0.0100	0.0100	10469488	FT1200		06/29/21
Field Temp. (C)	27.0	oC	1.00	0.0100	0.0100	10469489	FT1400		06/29/21
Field DO	0.930	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity	2.53	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21
Chloride	59.0	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21



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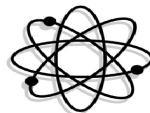
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW7 Sampled: 06/30/21 01:00 PM Desc: MW-13

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21



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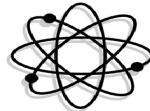
PO #: 524345
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Lab #: 475522GW7 Sampled: 06/30/21 01:00 PM Desc: MW-13

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21
Surr:1,2-Dichloroethane-d4 (50-150%)	108.17%			1.00	0.0100	10469642	EPA8260B		07/08/21
Surr:Bromofluorobenzene (50-150%)	100.40%			1.00	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	99.83%			1.00	0.0100	10469642	EPA8260B		07/08/21

Lab #: 475522GW8 Sampled: 06/30/21 10:20 AM Desc: MW-14

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	8.24	mg/L	1.00	0.0200	0.0400	10469024	EPA353.2	14797-55-8	07/01/21 04:11 PM
TDS	686	mg/L	1.00	2.50	5.00	10469286	SM2540 C	10-33-3	07/02/21
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-36-0	07/06/21
Arsenic	0.00370	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-38-2	07/06/21
Barium	0.0170	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-39-3	07/06/21
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-41-7	07/06/21
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-43-9	07/06/21
Chromium	0.00120 I	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-47-3	07/06/21
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-48-4	07/06/21
Copper	0.00330	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-50-8	07/06/21
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7439-92-1	07/06/21
Nickel	0.00840	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-02-0	07/06/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469354	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-28-0	07/06/21
Vanadium	0.00720	mg/L	1.00	0.00100	0.00200	10469354	EPA6020B	7440-62-2	07/06/21
Zinc	0.00200 U	mg/L	1.00	0.00200	0.00400	10469354	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	11.3	mg/L	1.00	0.0100	0.0200	10469378	EPA350.1	7664-41-7	07/07/21



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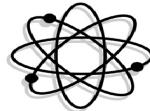
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW8 Sampled: 06/30/21 10:20 AM Desc: MW-14

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	096-18-4	07/07/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469424	EPA8011	106-93-4	07/07/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469424	EPA8011	96-12-8	07/07/21
Iron	0.170	mg/L	1.00	0.0100	0.0200	10469445	EPA6010D	7439-89-6	07/07/21
Sodium	24.8	mg/L	1.00	0.500	1.00	10469445	EPA6010D	7440-23-5	07/07/21
Field Ground Water Elevation	84.8	ft	1.00	-10.0	-10.0	10469486	FT1000		06/29/21
Field pH (units)	6.73	pH	1.00	0.0100	0.0200	10469487	FT1100	C006	06/29/21
Field Conductivity	1260	umhos/cm	1.00	0.0100	0.0100	10469488	FT1200		06/29/21
Field Temp. (C)	27.8	oC	1.00	0.0100	0.0100	10469489	FT1400		06/29/21
Field DO	0.800	mg/L	1.00	0.0100	0.0100	10469490	FT1500		06/29/21
Field Turbidity	1.34	NTU	1.00	0.0100	0.0100	10469491	FT1600		06/29/21
Chloride	38.3	mg/L	1.00	4.00	8.00	10469533	SM4500-CI E	16887-00-6	07/08/21
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000800	10469634	EPA7470A	7439-97-6	07/09/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21



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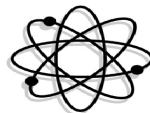
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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW8 Sampled: 06/30/21 10:20 AM Desc: MW-14

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21



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Atkins-Tampa
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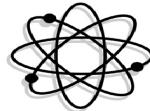
PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW8 **Sampled:** 06/30/21 10:20 AM **Desc:** MW-14

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21
Surr:1,2-Dichloroethane-d4 (50-150%)	108.00%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21
Surr:Bromofluorobenzene (50-150%)	96.47%		1.00	0.0100	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	99.27%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21

Lab #: 475522GW9 **Sampled:** 06/29/21 09:00 AM **Desc:** Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	630-20-6	07/08/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-55-6	07/08/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	79-34-5	07/08/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-00-5	07/08/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-34-3	07/08/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-35-4	07/08/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469642	EPA8260B	107-06-2	07/08/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	78-87-5	07/08/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	78-93-3	07/08/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	591-78-6	07/08/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-75-8	07/08/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	67-64-1	07/08/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469642	EPA8260B	107-13-1	07/08/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	71-43-2	07/08/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	074-97-5	07/08/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-27-4	07/08/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-25-2	07/08/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-83-9	07/08/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-15-0	07/08/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	56-23-5	07/08/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-90-7	07/08/21



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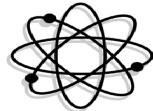
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Atkins-Tampa
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Lab #: 475522GW9 Sampled: 06/29/21 09:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-00-3	07/08/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	67-66-3	07/08/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	74-87-3	07/08/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	124-48-1	07/08/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	074-95-3	07/08/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-71-8	07/08/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-41-4	07/08/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469642	EPA8260B	074-88-4	07/08/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469642	EPA8260B	108-10-1	07/08/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	75-09-2	07/08/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	106-46-7	07/08/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	100-42-5	07/08/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	127-18-4	07/08/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	108-88-3	07/08/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	79-01-6	07/08/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-69-4	07/08/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469642	EPA8260B	108-05-4	07/08/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	75-01-4	07/08/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	1330-20-7	07/08/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-59-2	07/08/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-01-5	07/08/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	541-73-1	07/08/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	95-50-1	07/08/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	156-60-5	07/08/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469642	EPA8260B	10061-02-6	07/08/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469642	EPA8260B	110-57-6	07/08/21
Surr:1,2-Dichloroethane-d4 (50-150%)	110.00%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21
Surr:Bromofluorobenzene (50-150%)	102.27%		1.00	0.0100	0.0100	10469642	EPA8260B	460-00-4	07/08/21
Surr:Toluene-d8 (50-150%)	100.70%		1.00	0.0100	0.0100	10469642	EPA8260B		07/08/21



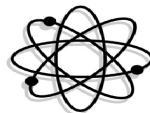
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Quality Report

Quality Control Batch: 10469024

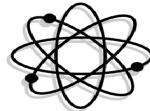
		Analyst: PCW						
Blank	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Nitrate(as N)	0.0200U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Nitrate(as N)	1.04	mg/L	1.00	104.00	90.00-110.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Nitrate(as N)	4.24	mg/L	4.00	106.00	90.00-110.00	0.400U	475522GW1	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Nitrate(as N)	4.24	mg/L	4.00	106.00	90.00-110.00	0.400U	0.00	20.00

Quality Control Batch: 10469286

		Analyst: CAV						
Blank	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
TDS	4.00	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
TDS	1510	mg/L	1500	100.53	80.00-120.00			
Duplicate	Result	Units	Sample	RPD	RPD Lim	Lab Number		
TDS	538	mg/L	546	1.48	20.00	475087WW1		

Quality Control Batch: 10469354

		Analyst: EVB						
Blank	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Antimony	0.00200U	mg/L						
Arsenic	0.00100U	mg/L						
Barium	0.00200U	mg/L						



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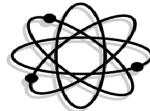
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Quality Control Batch: 10469354

Blank	Analyst: EVB	Result	Units
Beryllium		0.000500U	mg/L
Cadmium		0.00100U	mg/L
Chromium		0.00100U	mg/L
Cobalt		0.00100U	mg/L
Copper		0.00100U	mg/L
Lead		0.00100U	mg/L
Nickel		0.00100U	mg/L
Selenium		0.00200U	mg/L
Silver		0.000500U	mg/L
Thallium		0.00100U	mg/L
Vanadium		0.00100U	mg/L
Zinc		0.00200U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Antimony	0.105	mg/L	0.100	104.90	80.00-120.00
Arsenic	0.0973	mg/L	0.100	97.30	80.00-120.00
Barium	0.100	mg/L	0.100	100.20	80.00-120.00
Beryllium	0.112	mg/L	0.100	112.20	80.00-120.00
Cadmium	0.108	mg/L	0.100	108.40	80.00-120.00
Chromium	0.112	mg/L	0.100	112.30	80.00-120.00
Cobalt	0.110	mg/L	0.100	110.30	80.00-120.00
Copper	0.0926	mg/L	0.100	92.60	80.00-120.00
Lead	0.101	mg/L	0.100	100.90	80.00-120.00
Nickel	0.111	mg/L	0.100	110.60	80.00-120.00
Selenium	0.0944	mg/L	0.100	94.40	80.00-120.00
Silver	0.101	mg/L	0.100	100.90	80.00-120.00
Thallium	0.106	mg/L	0.100	105.90	80.00-120.00
Vanadium	0.110	mg/L	0.100	110.30	80.00-120.00
Zinc	0.0960	mg/L	0.100	96.00	80.00-120.00



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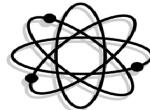
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Quality Control Batch: 10469354		Analyst: EVB						
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Antimony	0.108	mg/L	0.100	107.90	75.00-125.00	0.00200U	475216GW2	
Arsenic	0.0865	mg/L	0.100	86.50	75.00-125.00	0.00100U	475216GW2	
Barium	0.0918	mg/L	0.100	89.30	75.00-125.00	0.00250	475216GW2	
Beryllium	0.0907	mg/L	0.100	90.70	75.00-125.00	0.000500U	475216GW2	
Cadmium	0.116	mg/L	0.100	115.50	75.00-125.00	0.00100U	475216GW2	
Chromium	0.122	mg/L	0.100	120.10	75.00-125.00	0.00200	475216GW2	
Cobalt	0.120	mg/L	0.100	118.10	75.00-125.00	0.00160	475216GW2	
Copper	0.112	mg/L	0.100	110.30	75.00-125.00	0.00130	475216GW2	
Lead	0.0953	mg/L	0.100	95.30	75.00-125.00	0.00100U	475216GW2	
Nickel	0.117	mg/L	0.100	111.60	75.00-125.00	0.00510	475216GW2	
Selenium	0.0876	mg/L	0.100	87.60	75.00-125.00	0.00200U	475216GW2	
Silver	0.109	mg/L	0.100	109.10	75.00-125.00	0.000500U	475216GW2	
Thallium	0.100	mg/L	0.100	100.00	75.00-125.00	0.00100U	475216GW2	
Vanadium	0.126	mg/L	0.100	121.00	75.00-125.00	0.00510	475216GW2	
Zinc	0.160	mg/L	0.100	97.80	75.00-125.00	0.0621	475216GW2	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Antimony	0.109	mg/L	0.100	109.20	75.00-125.00	0.00200U	1.20	40.00
Arsenic	0.0871	mg/L	0.100	87.10	75.00-125.00	0.00100U	0.69	20.00
Barium	0.0912	mg/L	0.100	88.70	75.00-125.00	0.00250	0.66	20.00
Beryllium	0.0954	mg/L	0.100	95.40	75.00-125.00	0.000500U	5.05	40.00
Cadmium	0.118	mg/L	0.100	118.00	75.00-125.00	0.00100U	2.14	20.00
Chromium	0.124	mg/L	0.100	121.90	75.00-125.00	0.00200	1.46	20.00
Cobalt	0.118	mg/L	0.100	116.60	75.00-125.00	0.00160	1.26	40.00
Copper	0.114	mg/L	0.100	112.60	75.00-125.00	0.00130	2.04	20.00
Lead	0.0947	mg/L	0.100	94.70	75.00-125.00	0.00100U	0.63	20.00
Nickel	0.116	mg/L	0.100	110.80	75.00-125.00	0.00510	0.69	20.00
Selenium	0.0880	mg/L	0.100	88.00	75.00-125.00	0.00200U	0.46	20.00
Silver	0.110	mg/L	0.100	109.90	75.00-125.00	0.000500U	0.73	20.00



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Quality Control Batch: 10469354

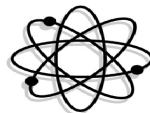
	Analyst: EVB							
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Thallium	0.0998	mg/L	0.100	99.80	75.00-125.00	0.00100U	0.20	40.00
Vanadium	0.126	mg/L	0.100	121.00	75.00-125.00	0.00510	0.00	20.00
Zinc	0.168	mg/L	0.100	106.00	75.00-125.00	0.0621	5.00	20.00

Quality Control Batch: 10469378

	Analyst: CCP							
Blank	Result	Units						
Ammonia (as N)	0.0100U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Ammonia (as N)	2.03	mg/L	2.00	101.50	90.00-110.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Ammonia (as N)	1.50	mg/L	1.67	89.82	90.00-110.00	0.0100U	475300WW1	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Ammonia (as N)	1.50	mg/L	1.67	89.82	90.00-110.00	0.0100U	0.00	20.00

Quality Control Batch: 10469424

	Analyst: DLJ							
Blank	Result	Units						
1,2,3-Trichloropropane	0.0200U	ug/L						
1,2-Dibromoethane (EDB)	0.0100U	ug/L						
1,2-dibromo-3-chloropropane	0.0200U	ug/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
1,2,3-Trichloropropane	0.260	ug/L	0.251	103.46	50.00-170.00			
1,2-Dibromoethane (EDB)	0.239	ug/L	0.251	95.15	50.00-170.00			
1,2-dibromo-3-chloropropane	0.225	ug/L	0.251	89.42	50.00-170.00			
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim	



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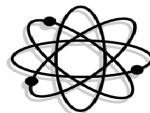
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Quality Control Batch: 10469424		Analyst: DLJ						
Laboratory Control Sample Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,2,3-Trichloropropane		0.258	ug/L	0.251	102.59	50.00-170.00	0.85	30.00
1,2-Dibromoethane (EDB)		0.244	ug/L	0.251	97.18	50.00-170.00	2.11	30.00
1,2-dibromo-3-chloropropane		0.234	ug/L	0.251	92.92	50.00-170.00	3.84	30.00

Quality Control Batch: 10469445		Analyst: EVB						
Blank		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron		0.0100U	mg/L					
Sodium		0.500U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron		10.2	mg/L	10.0	101.66	80.00-120.00	42.4	475588GW1
Sodium		10.6	mg/L	10.0	106.16	80.00-120.00	195	475588GW1
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron		51.8	mg/L	10.0	94.00	80.00-120.00	42.4	475588GW1
Sodium		211	mg/L	10.0	156.74	75.00-125.00	195	475588GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Iron		50.1	mg/L	10.0	76.48	80.00-120.00	42.4	3.44
Sodium		204	mg/L	10.0	88.92	75.00-125.00	195	3.27
								RPD Lim



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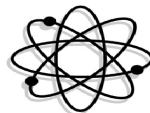
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Quality Control Batch: 10469533		Analyst: CCP						
Blank		Result	Units					
Chloride		4.00U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Chloride		156	mg/L	150	104.00	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Chloride		166	mg/L	100	105.90	80.00-120.00	60.1	475493GW3
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Chloride		166	mg/L	100	105.90	80.00-120.00	60.1	0.00
Quality Control Batch: 10469634		Analyst: PCW						
Blank		Result	Units					
Mercury		0.0000200U	mg/L					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim		
Mercury		0.000951	mg/L	0.00100	95.10	80.00-120.00		
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Mercury		0.00302	mg/L	0.00300	102.67	80.00-120.00	-0.0000642	475522GW1
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD
Mercury		0.00298	mg/L	0.00300	101.34	80.00-120.00	-0.0000642	1.34
Quality Control Batch: 10469642		Analyst: YMP						
Blank		Result	Units					
1,1,1,2-Tetrachloroethane		0.500U	ug/L					
1,1,1-Trichloroethane		0.500U	ug/L					
1,1,2,2-Tetrachloroethane		0.500U	ug/L					



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Quality Control Batch: 10469642

Blank

1,1,2-Trichloroethane

Analyst: YMP

Result

Units

1,1-Dichloroethane

0.500U ug/L

1,1-Dichloroethene

0.500U ug/L

1,2-dichloroethane

0.500U ug/L

1,2-dichloropropane

0.500U ug/L

2-Butanone (MEK)

5.00U ug/L

2-Hexanone

0.500U ug/L

2-chloroethylvinylether

1.00U ug/L

Acetone

5.00U ug/L

Acrylonitrile

5.00U ug/L

Benzene

0.500U ug/L

Bromochloromethane

1.00U ug/L

Bromodichloromethane

0.500U ug/L

Bromoform

0.500U ug/L

Bromomethane

1.00U ug/L

Carbon Disulfide

1.00U ug/L

Carbon Tetrachloride

0.500U ug/L

Chlorobenzene

0.500U ug/L

Chloroethane

1.00U ug/L

Chloroform

0.500U ug/L

Chloromethane

1.00U ug/L

Dibromochloromethane

0.500U ug/L

Dibromomethane

0.500U ug/L

Dichlorodifluoromethane

0.500U ug/L

Ethylbenzene

0.500U ug/L

Methyl Iodide

2.00U ug/L

Methyl isobutyl ketone

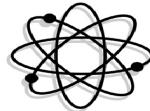
2.00U ug/L

Methylene chloride

1.00U ug/L

Para-dichlorobenzene

0.500U ug/L



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Quality Control Batch: 10469642**Blank**

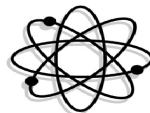
Styrene
Tetrachloroethene
Toluene
Trichloroethene
Trichlorofluoromethane
Vinyl Acetate
Vinyl chloride
Xylenes
cis-1,2-dichloroethene
cis-1,3-Dichloropropene
m-dichlorobenzene
o-dichlorobenzene
trans-1,2-dichloroethene
trans-1,3,-Dichloropropene
trans-1,4-dichloro-2-butene
Surr:1,2-Dichloroethane-d4
Surr:Bromofluorobenzene
Surr:Toluene-d8

Analyst: YMP

	Result	Units
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.500U	ug/L
cis-1,3-Dichloropropene	0.500U	ug/L
m-dichlorobenzene	0.500U	ug/L
o-dichlorobenzene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Surr:1,2-Dichloroethane-d4	31.2	ug/L
Surr:Bromofluorobenzene	31.4	ug/L
Surr:Toluene-d8	29.3	ug/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
1,1,1,2-Tetrachloroethane	42.7	ug/L	40.0	106.85	50.00-150.00
1,1,1-Trichloroethane	40.4	ug/L	40.0	100.88	50.00-150.00
1,1,2,2-Tetrachloroethane	41.8	ug/L	40.0	104.47	50.00-150.00
1,1,2-Trichloroethane	39.3	ug/L	40.0	98.20	50.00-150.00
1,1-Dichloroethane	42.0	ug/L	40.0	105.08	50.00-150.00
1,1-Dichloroethene	40.6	ug/L	40.0	101.50	50.00-150.00
1,2-dichloroethane	41.0	ug/L	40.0	102.60	50.00-150.00
1,2-dichloropropane	41.2	ug/L	40.0	102.95	50.00-150.00
2-Butanone (MEK)	37.6	ug/L	40.0	94.03	50.00-150.00



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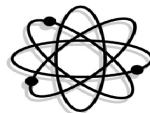
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Quality Control Batch: 10469642

Laboratory Control Sample

	Analyst: YMP				
	Result	Units	Spike	%REC	%REC Lim
2-Hexanone	37.7	ug/L	40.0	94.25	50.00-150.00
Acetone	35.8	ug/L	40.0	89.58	50.00-150.00
Acrylonitrile	41.9	ug/L	40.0	104.82	50.00-150.00
Benzene	43.7	ug/L	40.0	109.15	50.00-150.00
Bromochloromethane	38.8	ug/L	40.0	97.05	50.00-150.00
Bromodichloromethane	41.1	ug/L	40.0	102.62	70.00-130.00
Bromoform	37.4	ug/L	40.0	93.55	50.00-130.00
Bromomethane	47.3	ug/L	40.0	118.23	50.00-150.00
Carbon Disulfide	49.2	ug/L	40.0	123.05	50.00-150.00
Carbon Tetrachloride	42.5	ug/L	40.0	106.30	50.00-150.00
Chlorobenzene	42.0	ug/L	40.0	104.88	50.00-150.00
Chloroethane	44.7	ug/L	40.0	111.68	50.00-150.00
Chloroform	40.2	ug/L	40.0	100.57	50.00-150.00
Chloromethane	43.2	ug/L	40.0	107.92	50.00-150.00
Dibromochloromethane	41.4	ug/L	40.0	103.37	50.00-150.00
Dibromomethane	39.5	ug/L	40.0	98.68	50.00-150.00
Dichlorodifluoromethane	78.0	ug/L	40.0	194.87	35.00-155.00
Ethylbenzene	43.1	ug/L	40.0	107.80	50.00-150.00
Methyl Iodide	46.6	ug/L	40.0	116.47	50.00-150.00
Methyl isobutyl ketone	38.4	ug/L	40.0	95.90	50.00-150.00
Methylene chloride	40.3	ug/L	40.0	100.62	50.00-150.00
Para-dichlorobenzene	40.8	ug/L	40.0	101.95	50.00-150.00
Styrene	42.0	ug/L	40.0	105.00	50.00-150.00
Tetrachloroethene	40.5	ug/L	40.0	101.25	50.00-150.00
Toluene	45.7	ug/L	40.0	114.22	50.00-150.00
Trichloroethene	40.0	ug/L	40.0	100.03	50.00-150.00
Trichlorofluoromethane	42.1	ug/L	40.0	105.17	50.00-150.00
Vinyl chloride	47.0	ug/L	40.0	117.40	50.00-150.00
Xylenes	127	ug/L	120	105.91	50.00-150.00



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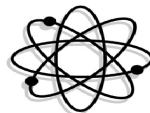
Quality Control Batch: 10469642

Laboratory Control Sample

	Analyst: YMP				
	Result	Units	Spike	%REC	%REC Lim
cis-1,2-dichloroethene	42.7	ug/L	40.0	106.70	50.00-150.00
cis-1,3-Dichloropropene	43.3	ug/L	40.0	108.35	50.00-150.00
m-dichlorobenzene	42.4	ug/L	40.0	106.05	50.00-150.00
o-dichlorobenzene	41.6	ug/L	40.0	103.97	50.00-150.00
trans-1,2-dichloroethene	40.7	ug/L	40.0	101.82	50.00-150.00
trans-1,3,-Dichloropropene	42.8	ug/L	40.0	106.90	50.00-150.00
Surr:1,2-Dichloroethane-d4	30.9	ug/L	30.0	103.10	50.00-150.00
Surr:Bromofluorobenzene	28.1	ug/L	30.0	93.70	50.00-150.00
Surr:Toluene-d8	30.8	ug/L	30.0	102.50	50.00-150.00

Laboratory Control Sample Duplicate

	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	41.9	ug/L	40.0	104.70	50.00-150.00	2.03	20.00
1,1,1-Trichloroethane	39.0	ug/L	40.0	97.43	50.00-150.00	3.48	20.00
1,1,2,2-Tetrachloroethane	39.8	ug/L	40.0	99.58	50.00-150.00	4.80	20.00
1,1,2-Trichloroethane	38.8	ug/L	40.0	96.93	50.00-150.00	1.31	20.00
1,1-Dichloroethane	40.4	ug/L	40.0	100.90	50.00-150.00	4.05	20.00
1,1-Dichloroethene	38.1	ug/L	40.0	95.12	50.00-150.00	6.48	20.00
1,2-dichloroethane	41.5	ug/L	40.0	103.70	50.00-150.00	1.07	20.00
1,2-dichloropropane	41.0	ug/L	40.0	102.43	50.00-150.00	0.51	20.00
2-Butanone (MEK)	41.8	ug/L	40.0	104.55	50.00-150.00	10.60	20.00
2-Hexanone	38.2	ug/L	40.0	95.60	50.00-150.00	1.42	20.00
Acetone	38.6	ug/L	40.0	96.53	50.00-150.00	7.47	20.00
Acrylonitrile	42.4	ug/L	40.0	105.97	50.00-150.00	1.09	30.00
Benzene	42.5	ug/L	40.0	106.15	50.00-150.00	2.79	20.00
Bromochloromethane	38.8	ug/L	40.0	96.93	50.00-150.00	0.13	20.00
Bromodichloromethane	41.6	ug/L	40.0	104.10	70.00-130.00	1.43	20.00
Bromoform	38.6	ug/L	40.0	96.58	50.00-130.00	3.18	20.00
Bromomethane	45.5	ug/L	40.0	113.75	50.00-150.00	3.86	20.00
Carbon Disulfide	47.2	ug/L	40.0	118.02	50.00-150.00	4.17	20.00



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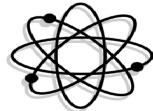
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 29, 2021
Jul 14, 2021; Invoice: 475522

Laboratory Control Sample Duplicate	Analyst: YMP	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Carbon Tetrachloride		40.9	ug/L	40.0	102.32	50.00-150.00	3.81	20.00
Chlorobenzene		41.2	ug/L	40.0	102.95	50.00-150.00	1.85	20.00
Chloroethane		43.6	ug/L	40.0	109.03	50.00-150.00	2.40	20.00
Chloroform		39.4	ug/L	40.0	98.50	50.00-150.00	2.08	20.00
Chloromethane		41.3	ug/L	40.0	103.35	50.00-150.00	4.33	20.00
Dibromochloromethane		42.0	ug/L	40.0	105.05	50.00-150.00	1.61	20.00
Dibromomethane		39.7	ug/L	40.0	99.25	50.00-150.00	0.58	20.00
Dichlorodifluoromethane		70.0	ug/L	40.0	175.05	35.00-155.00	10.72	20.00
Ethylbenzene		41.4	ug/L	40.0	103.47	50.00-150.00	4.09	20.00
Methyl Iodide		44.1	ug/L	40.0	110.20	50.00-150.00	5.54	20.00
Methyl isobutyl ketone		39.0	ug/L	40.0	97.50	50.00-150.00	1.65	20.00
Methylene chloride		40.6	ug/L	40.0	101.47	50.00-150.00	0.84	20.00
Para-dichlorobenzene		39.9	ug/L	40.0	99.62	50.00-150.00	2.31	20.00
Styrene		40.1	ug/L	40.0	100.28	50.00-150.00	4.60	20.00
Tetrachloroethene		37.2	ug/L	40.0	93.08	50.00-150.00	8.41	20.00
Toluene		44.1	ug/L	40.0	110.30	50.00-150.00	3.50	20.00
Trichloroethene		38.1	ug/L	40.0	95.35	50.00-150.00	4.79	20.00
Trichlorofluoromethane		39.5	ug/L	40.0	98.75	50.00-150.00	6.30	20.00
Vinyl chloride		44.6	ug/L	40.0	111.55	50.00-150.00	5.11	20.00
Xylenes		122	ug/L	120	101.71	50.00-150.00	4.05	20.00
cis-1,2-dichloroethene		41.0	ug/L	40.0	102.52	50.00-150.00	3.99	20.00
cis-1,3-Dichloropropene		43.2	ug/L	40.0	108.03	50.00-150.00	0.30	20.00
m-dichlorobenzene		42.3	ug/L	40.0	105.83	50.00-150.00	0.21	20.00
o-dichlorobenzene		40.9	ug/L	40.0	102.25	50.00-150.00	1.67	20.00
trans-1,2-dichloroethene		38.9	ug/L	40.0	97.15	50.00-150.00	4.70	20.00
trans-1,3,-Dichloropropene		42.4	ug/L	40.0	106.07	50.00-150.00	0.77	20.00
Surr:1,2-Dichloroethane-d4		31.1	ug/L	30.0	103.63	50.00-150.00	0.52	20.00
Surr:Bromofluorobenzene		29.4	ug/L	30.0	98.07	50.00-150.00	4.55	20.00
Surr:Toluene-d8		30.9	ug/L	30.0	103.13	50.00-150.00	0.62	20.00



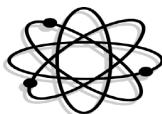
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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples with the exception of Nitrate for MW-2 and MW-4. Samples collected by submitter. Results are reported on a wet weight basis.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Additional Comments

"Q" flag is applied to Nitrate values where samples were received too late at the lab to test within 48 hour hold time.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Check Box That Applies To Your Location

Flowers Chemical
Tal's North
101 Newburyport Ave.
Marionette Springs, FL 32701
Bus: 772-343-6994
Fax: 772-260-6110

Flowers Chemical
Tal's South
West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

Flowers Chemical
Tal's South
812 S.W. Harvey Greene Dr
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

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Tal's South
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Marathon, FL 33050
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Fax: 305-743-8598



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Client	Atkins-Tampa				Project Name HARDEE COUNTY REGIONAL LANDFILL				P.O. # 40612		
Address	4030 W. Boy Scout Blvd, Ste 700, Tampa, FL, 33607				Client Contact Bradley Bayne				FAX		
Phone	727-424-6716				FCL Project Manager June Flowers Ext. 212				E-MAIL		
Specified By (P/N/P)					Request Due Date 10 Day Standard OR				Rush Charges May Apply		
					Pick-Up Fee	\$	Vehicle Surcharge	\$	Sampling Fee	\$	
Sample Information					Date Sampled				PRESERVATIVES		
GW - ground water DW - drinking water WW - wastewater SW - surface water S - soil/solid SL - sludge HW - waste									ANALYSES REQUEST		
ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃	
1	MW-1	6/29	4:40	GW	475522 GW1	3	1	1	2		X X X X X
2	MW-2	6/29	2:40			7					
3	MW-4	6/29	12:16			3					
4	MW-10R	6/30	5:15			4					
5	MW-11	6/30	4:25			5					
6	MW-12R	6/30	3:45			6					
7	MW-13	6/30	1:00			7					
8	MW-14	6/30	10:20	↓		8	↓	↓	↓	↓	↓
9	TRIP BLANK			GW		9		1		X	
10											

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
<i>Renepm</i>	7/1/21	09:02	<i>of eMug</i>	7/1/21	09:02	<i>Via Carrier</i>			<i>Chay</i>	7/1/21	14:30

0.10¢
IR-1

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

* WHITE - Lab Copy - To Be Scanned

* YELLOW - Client Copy

Rev 04-08

Flowers Chemical Laboratories

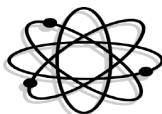
481 Newburyport Ave.

Altamonte Springs, FL 32701

Phone (407) 339-5984 Fax (407) 260-6110

KIT REQUEST FORM

												FCL Project Manager: June Flowers																																			
Total Container Container s	PARAMETERS	C ontainer s per Sample	C ontainer Material	Preservative						Plastic						Glass Containers																															
				M e t h 3	H N (C2 O H3 O2)	Zn 2 S O 2	N 2 S O 4	H a /2 O	N a /2 O	Mn SO4/ ALK	H 4	H a /4 O	N a /4 O	T 250	250	500	L Whir Pak	C oil	40 mL	125 mL	250	L L	1 L	1 L	4 L	4 L	8 oz Soil	300 mL BOD Bottle																			
						X		10ml																																							
					"LandfillApp1+" = quicklist																																										
				8	Metals	1	GW	X													X																										
				17*	App 1 (8260)	2	GW													X					X																						
				17*	App 1 (8011)	2	GW																		X																						
				8	Cl-, NO3, TDS	1	GW															X																									
				8	NH3	1	GW			X										X																											
				*2 extra vials for 1 well - QC				1-8011, 1-8260												1	2																										
Hardee kit 1																																															
"LandfillApp1+" = quicklist																																															
it includes the field parms																																															
Ship To:				Client #				Date Ordered:						Date to be Shipped:						Date Needed:																											
Residential address:								06/17/21												06/22/21																											
Atkins - Tampa								Extra Coolers: <input type="checkbox"/> (L) <input type="checkbox"/> (M) <input type="checkbox"/> (S)						Customer Pick Up:																																	
111 Evelyn Ave								Trip Blanks: <input checked="" type="checkbox"/> w/HCl <input type="checkbox"/> w/o HCl																																							
Clearwater FL 33765								Custody Chain: <input checked="" type="checkbox"/> Env. <input type="checkbox"/> DW																																							
ATTN: Bradley Bayne 727-424-6716								Temp Blank: <input type="checkbox"/> Bailers: <input type="checkbox"/>						Date: _____ Time: _____						SHIPPING METHOD																											
Project: HardeeLandfill				Special Notes:				Cooler ID						<input checked="" type="checkbox"/> STD. UPS <input type="checkbox"/> DHL Next Day																																	
Location: MW's				Use Quicklist "LandfillApp1+"										<input type="checkbox"/> Fed-Ex Flowers Account																																	
Sampling Dates: 06-30-21				it includes the field parms										<input type="checkbox"/> Fed-Ex Client Account # _____																																	
														<input type="checkbox"/> Other: _____																																	
SAMPLE KIT ID: Return this with COC																								Thank You for Your Business																							



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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 30, 2021
Jul 14, 2021; Invoice: 475439

Report Summary

Date Received: Jun 30, 2021

FCL Project Manager: June S. Flowers

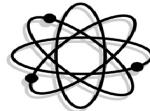
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
475439SW1	SW-2/21062	COLILERT-18	DBL	Main Lab	Surface Water
		EPA245.1	PCW	Main Lab	
		EPA350.1	CCP	Main Lab	
		EPA351.2	CHL	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.4	CHL	Main Lab	
		EPA410.4	IAD	Main Lab	
		EPA6010D	EVB	Main Lab	
		EPA6020B	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260B	YMP	Main Lab	
		FDEP DEP-SOP	CCP	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM10200 H	IAD	Main Lab	
		SM2340 B	CLL	Main Lab	
		SM2540 C	CAV	Main Lab	
		SM2540 D	CAV	Main Lab	
		SM5210 B	KLT	Main Lab	
		SM5310 C	CCP	Main Lab	
		TotNit			
475439SW2	Trip Blank	EPA8260B	YMP	Main Lab	Surface Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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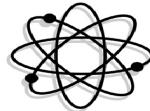
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Analysis Report

Lab #:	475439SW1	Sampled:	06/30/21 10:00 AM	Desc:	SW-2/21062						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed		
Total Nitrogen(as N)	3.25			0			TotNit	17778-88-0			
Fecal Coliform	591	mpn/100mL	10.0	10.0	10.0	10468975	COLILERT-18	E761792	06/30/21	05:50 PM	
Nitrate(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10468993	EPA353.2	14797-55-8	06/30/21	05:56 PM	
Nitrite(as N)	0.0212 I	mg/L	1.00	0.0200	0.0400	10468993	EPA353.2	14797-65-0	06/30/21	05:56 PM	
Total Hardness (as CaCO ₃)	170	mg/L	1.00	0.100	0.200	10469037	SM2340 B	40-11-9	07/01/21		
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469055	EPA8011	096-18-4	07/01/21		
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10469055	EPA8011	106-93-4	07/01/21		
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10469055	EPA8011	96-12-8	07/01/21		
Field pH (units)	6.44	pH	1.00	0.0100	0.0200	10469057	FT1100	C006	06/30/21		
Field Conductivity	468	umhos/cm	1.00	0.0100	0.0100	10469060	FT1200		06/30/21		
Field Temp. (C)	0.0100 U	oC	1.00	0.0100	0.0100	10469061	FT1400		06/30/21		
Field DO	0.860	mg/L	1.00	0.0100	0.0100	10469062	FT1500		06/30/21		
Field Turbidity	7.45	NTU	1.00	0.0100	0.0100	10469063	FT1600		06/30/21		
Chemical Oxygen Demand	93.0	mg/L	1.00	10.0	20.0	10469094	EPA410.4	C-004	07/02/21		
BOD ₅ day	28.5	mg/L	1.00	2.00	2.00	10469241	SM5210 B	E1640606	07/01/21	12:00 PM	
TOC	35.4	mg/L	1.00	1.00	2.00	10469309	SM5310 C	E701250	07/06/21		
Iron	0.793	mg/L	1.00	0.0100	0.0200	10469342	EPA6010D	7439-89-6	07/06/21		
Aluminum	0.0100 U	mg/L	1.00	0.0100	0.0200	10469353	EPA6020B	7429-90-5	07/06/21		
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00400	10469353	EPA6020B	7440-36-0	07/06/21		
Arsenic	0.00190 I	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-38-2	07/06/21		
Barium	0.0113	mg/L	1.00	0.00200	0.00400	10469353	EPA6020B	7440-39-3	07/06/21		
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10469353	EPA6020B	7440-41-7	07/06/21		
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-43-9	07/06/21		
Chromium	0.00110 I	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-47-3	07/06/21		
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-48-4	07/06/21		
Copper	0.00110 I	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-50-8	07/06/21		
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7439-92-1	07/06/21		



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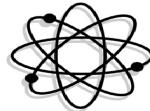
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Phone: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 30, 2021
Jul 14, 2021; Invoice: 475439

Lab #: 475439SW1 Sampled: 06/30/21 10:00 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nickel	0.00160 I	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-02-0	07/06/21
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10469353	EPA6020B	7782-49-2	07/06/21
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10469353	EPA6020B	7440-22-4	07/06/21
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-28-0	07/06/21
Vanadium	0.00280	mg/L	1.00	0.00100	0.00200	10469353	EPA6020B	7440-62-2	07/06/21
Zinc	0.0164	mg/L	1.00	0.00200	0.00400	10469353	EPA6020B	7440-66-6	07/06/21
Ammonia (as N)	0.669	mg/L	1.00	0.0100	0.0200	10469379	EPA350.1	7664-41-7	07/07/21
TSS	1.00 U	mg/L	1.00	1.00	2.00	10469384	SM2540 D	E1642818	07/06/21
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	630-20-6	07/07/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	71-55-6	07/07/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469471	EPA8260B	79-34-5	07/07/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	79-00-5	07/07/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-34-3	07/07/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-35-4	07/07/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469471	EPA8260B	107-06-2	07/07/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	78-87-5	07/07/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469471	EPA8260B	78-93-3	07/07/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	591-78-6	07/07/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	110-75-8	07/07/21
Acetone	12.2 Y	ug/L	1.00	5.00	10.0	10469471	EPA8260B	67-64-1	07/07/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469471	EPA8260B	107-13-1	07/07/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	71-43-2	07/07/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	074-97-5	07/07/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-27-4	07/07/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-25-2	07/07/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	74-83-9	07/07/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	75-15-0	07/07/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	56-23-5	07/07/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	108-90-7	07/07/21



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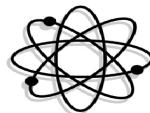
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Jul 14, 2021; Invoice: 475439

Lab #: 475439SW1 Sampled: 06/30/21 10:00 AM Desc: SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	75-00-3	07/07/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	67-66-3	07/07/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	74-87-3	07/07/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	124-48-1	07/07/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	074-95-3	07/07/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-71-8	07/07/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	100-41-4	07/07/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469471	EPA8260B	074-88-4	07/07/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469471	EPA8260B	108-10-1	07/07/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	75-09-2	07/07/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	106-46-7	07/07/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	100-42-5	07/07/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	127-18-4	07/07/21
Toluene	1.11 Y	ug/L	1.00	0.500	1.00	10469471	EPA8260B	108-88-3	07/07/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	79-01-6	07/07/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-69-4	07/07/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469471	EPA8260B	108-05-4	07/07/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-01-4	07/07/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	1330-20-7	07/07/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	156-59-2	07/07/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	10061-01-5	07/07/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	541-73-1	07/07/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	95-50-1	07/07/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	156-60-5	07/07/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	10061-02-6	07/07/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	110-57-6	07/07/21
Surr:1,2-Dichloroethane-d4 (50-150%)	105.63%		1.00	0.0100	0.0100	10469471	EPA8260B		07/07/21
Surr:Bromofluorobenzene (50-150%)	102.73%		1.00	0.0100	0.0100	10469471	EPA8260B	460-00-4	07/07/21
Surr:Toluene-d8 (50-150%)	101.13%		1.00	0.0100	0.0100	10469471	EPA8260B		07/07/21



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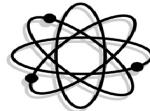
PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 30, 2021
Jul 14, 2021; Invoice: 475439

Lab #: 475439SW1 **Sampled:** 06/30/21 10:00 AM **Desc:** SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
TDS	316	mg/L	1.00	2.50	5.00	10469541	SM2540 C	10-33-3	07/06/21
TKN(as N)	3.23	mg/L	1.00	0.200	0.400	10469552	EPA351.2	7727-37-9	07/08/21
Total Phosphorus(as P)	0.979	mg/L	1.00	0.0400	0.100	10469555	EPA365.4	7723-14-0	07/08/21
Mercury	0.00000500 U	mg/L	1.00	0.00000500	0.0000100	10469605	EPA245.1	7439-97-6	07/08/21
Chlorophyll a	11.1	ug/L	1.00	0.0200	0.0800	10469874	SM10200 H	479-61-8	07/13/21
Unionized NH3(as N)	0.000937	mg/L	1.00	0.000100	0.000200	10469975	FDEP DEP-SOF		07/07/21

Lab #: 475439SW2 **Sampled:** 06/30/21 09:00 AM **Desc:** Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	630-20-6	07/07/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	71-55-6	07/07/21
1,1,2,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469471	EPA8260B	79-34-5	07/07/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	79-00-5	07/07/21
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-34-3	07/07/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-35-4	07/07/21
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.800	10469471	EPA8260B	107-06-2	07/07/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	78-87-5	07/07/21
2-Butanone (MEK)	5.00 U	ug/L	1.00	5.00	10.0	10469471	EPA8260B	78-93-3	07/07/21
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	591-78-6	07/07/21
2-chloroethylvinylether	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	110-75-8	07/07/21
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10469471	EPA8260B	67-64-1	07/07/21
Acrylonitrile	5.00 U	ug/L	1.00	5.00	10.0	10469471	EPA8260B	107-13-1	07/07/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	71-43-2	07/07/21
Bromochloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	074-97-5	07/07/21
Bromodichloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-27-4	07/07/21
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-25-2	07/07/21
Bromomethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	74-83-9	07/07/21
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	75-15-0	07/07/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	56-23-5	07/07/21



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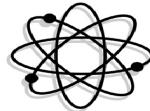
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PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 30, 2021
Jul 14, 2021; Invoice: 475439

Lab #: 475439SW2 Sampled: 06/30/21 09:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	108-90-7	07/07/21
Chloroethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	75-00-3	07/07/21
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	67-66-3	07/07/21
Chloromethane	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	74-87-3	07/07/21
Dibromochloromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	124-48-1	07/07/21
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	074-95-3	07/07/21
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-71-8	07/07/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	100-41-4	07/07/21
Methyl Iodide	2.00 U	ug/L	1.00	2.00	10.0	10469471	EPA8260B	074-88-4	07/07/21
Methyl isobutyl ketone	2.00 U	ug/L	1.00	2.00	4.00	10469471	EPA8260B	108-10-1	07/07/21
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	75-09-2	07/07/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	106-46-7	07/07/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	100-42-5	07/07/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	127-18-4	07/07/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	108-88-3	07/07/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	79-01-6	07/07/21
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-69-4	07/07/21
Vinyl Acetate	10.0 U	ug/L	1.00	10.0	20.0	10469471	EPA8260B	108-05-4	07/07/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	75-01-4	07/07/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	1330-20-7	07/07/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	156-59-2	07/07/21
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	10061-01-5	07/07/21
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	541-73-1	07/07/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	95-50-1	07/07/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	156-60-5	07/07/21
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10469471	EPA8260B	10061-02-6	07/07/21
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10469471	EPA8260B	110-57-6	07/07/21
Surr:1,2-Dichloroethane-d4 (50-150%)	105.20%		1.00	0.0100	0.0100	10469471	EPA8260B		07/07/21
Surr:Bromofluorobenzene (50-150%)	105.83%		1.00	0.0100	0.0100	10469471	EPA8260B	460-00-4	07/07/21



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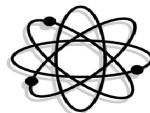
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Lab #: 475439SW2 Sampled: 06/30/21 09:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Surr:Toluene-d8 (50-150%)	102.00%		1.00	0.0100	0.0100	10469471	EPA8260B		07/07/21



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Jul 14, 2021; Invoice: 475439

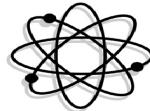
Quality Report

Quality Control Batch: 10468993

		Analyst: PCW					
Blank		Result	Units				
Nitrate(as N)		0.0200U	mg/L				
Nitrite(as N)		0.0200U	mg/L				
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	
Nitrate(as N)		1.06	mg/L	1.00	106.00	90.00-110.00	
Nitrite(as N)		1.05	mg/L	1.00	105.00	90.00-110.00	
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample
Nitrate(as N)		18.5	mg/L	4.00	85.00	90.00-110.00	15.1
Nitrite(as N)		4.16	mg/L	4.00	104.00	90.00-110.00	0.0200U
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample
Nitrate(as N)		18.5	mg/L	4.00	85.00	90.00-110.00	15.1
Nitrite(as N)		4.19	mg/L	4.00	104.75	90.00-110.00	0.0200U
Quality Control Batch: 10469037		Analyst: CLL					
Blank		Result	Units				
Total Hardness (as CaCO ₃)		0.100U	mg/L				

Quality Control Batch: 10469055

		Analyst: DLJ					
Blank		Result	Units				
1,2,3-Trichloropropane		0.0200U	ug/L				
1,2-Dibromoethane (EDB)		0.0100U	ug/L				
1,2-dibromo-3-chloropropane		0.0200U	ug/L				



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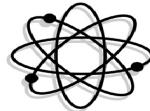
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Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
1,2,3-Trichloropropane	0.249	ug/L	0.251	98.97	50.00-170.00
1,2-Dibromoethane (EDB)	0.233	ug/L	0.251	92.72	50.00-170.00
1,2-dibromo-3-chloropropane	0.221	ug/L	0.251	88.07	50.00-170.00

Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,2,3-Trichloropropane	0.249	ug/L	0.251	98.97	50.00-170.00	0.00	30.00
1,2-Dibromoethane (EDB)	0.236	ug/L	0.251	93.83	50.00-170.00	1.19	30.00
1,2-dibromo-3-chloropropane	0.227	ug/L	0.251	90.29	50.00-170.00	2.50	30.00

Quality Control Batch: 10469094	Analyst: IAD
Blank	Result
Chemical Oxygen Demand	10.0U
Chemical Oxygen Demand	Units
	mg/L
Laboratory Control Sample	Result
Chemical Oxygen Demand	502
Chemical Oxygen Demand	Units
	mg/L
Chemical Oxygen Demand	Spike
	500
Chemical Oxygen Demand	%REC
	100.39
Chemical Oxygen Demand	%REC Lim
	80.00-120.00
Matrix Spike	Result
Chemical Oxygen Demand	478
Chemical Oxygen Demand	Units
	mg/L
Chemical Oxygen Demand	Spike
	200
Chemical Oxygen Demand	%REC
	67.06
Chemical Oxygen Demand	%REC Lim
	80.00-120.00
Chemical Oxygen Demand	Sample
	344
Chemical Oxygen Demand	Lab Number
	475419WW1
Matrix Spike Duplicate	Result
Chemical Oxygen Demand	476
Chemical Oxygen Demand	Units
	mg/L
Chemical Oxygen Demand	Spike
	200
Chemical Oxygen Demand	%REC
	65.98
Chemical Oxygen Demand	%REC Lim
	80.00-120.00
Chemical Oxygen Demand	Sample
	344
Chemical Oxygen Demand	RPD
	0.45
Chemical Oxygen Demand	RPD Lim
	20.00
Quality Control Batch: 10469241	Analyst: KLT
Blank	Result
	Units



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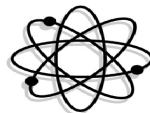
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Quality Control Batch: 10469241		Analyst: KLT					
Blank		Result	Units				
BOD5day		2.00U	mg/L				
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	
BOD5day		213	mg/L	198	107.58	84.50-115.00	
Duplicate		Result	Units	Sample	RPD	RPD Lim	Lab Number
BOD5day		1160	mg/L	1030	12.02	25.00	475461WW1
Quality Control Batch: 10469309		Analyst: CCP					
Blank		Result	Units				
TOC		1.00U	mg/L				
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	
TOC		11.0	mg/L	10.0	109.79	80.00-120.00	
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample
TOC		22.8	mg/L	10.0	100.69	80.00-120.00	12.8
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample
TOC		22.8	mg/L	10.0	100.97	80.00-120.00	12.8
RPD							RPD Lim
							20.00
Quality Control Batch: 10469342		Analyst: EVB					
Blank		Result	Units				
Iron		0.0100U	mg/L				
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	
Iron		10.9	mg/L	10.0	108.73	80.00-120.00	



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Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron	23.6	mg/L	10.0	79.65	80.00-120.00	15.6	474978GW1

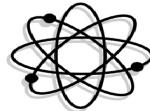
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Iron	24.5	mg/L	10.0	88.67	80.00-120.00	15.6	3.75	20.00

Quality Control Batch: 10469353

Analyst: EVB

Blank	Result	Units
Aluminum	0.0100U	mg/L
Antimony	0.00200U	mg/L
Arsenic	0.00100U	mg/L
Barium	0.00200U	mg/L
Beryllium	0.000500U	mg/L
Cadmium	0.00100U	mg/L
Chromium	0.00100U	mg/L
Cobalt	0.00100U	mg/L
Copper	0.00100U	mg/L
Lead	0.00100U	mg/L
Nickel	0.00100U	mg/L
Selenium	0.00200U	mg/L
Silver	0.000500U	mg/L
Thallium	0.00100U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.00200U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Aluminum	0.0991	mg/L	0.100	99.10	80.00-120.00
Antimony	0.103	mg/L	0.100	103.10	80.00-120.00
Arsenic	0.0945	mg/L	0.100	94.50	80.00-120.00
Barium	0.0974	mg/L	0.100	97.40	80.00-120.00
Beryllium	0.112	mg/L	0.100	112.20	80.00-120.00



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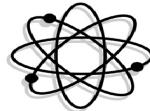
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Quality Control Batch: 10469353		Analyst: EVB					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Cadmium	0.106	mg/L	0.100	105.60	80.00-120.00		
Chromium	0.108	mg/L	0.100	107.60	80.00-120.00		
Cobalt	0.106	mg/L	0.100	105.50	80.00-120.00		
Copper	0.107	mg/L	0.100	107.40	80.00-120.00		
Lead	0.0987	mg/L	0.100	98.70	80.00-120.00		
Nickel	0.105	mg/L	0.100	105.20	80.00-120.00		
Selenium	0.0909	mg/L	0.100	90.90	80.00-120.00		
Silver	0.101	mg/L	0.100	100.90	80.00-120.00		
Thallium	0.105	mg/L	0.100	104.70	80.00-120.00		
Vanadium	0.104	mg/L	0.100	104.20	80.00-120.00		
Zinc	0.103	mg/L	0.100	103.10	80.00-120.00		
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Aluminum	0.198	mg/L	0.100	83.20	75.00-125.00	0.115	475216GW2
Antimony	0.108	mg/L	0.100	107.90	75.00-125.00	0.00200U	475216GW2
Arsenic	0.0865	mg/L	0.100	86.50	75.00-125.00	0.00100U	475216GW2
Barium	0.0918	mg/L	0.100	89.30	75.00-125.00	0.00250	475216GW2
Beryllium	0.0907	mg/L	0.100	90.70	75.00-125.00	0.000500U	475216GW2
Cadmium	0.116	mg/L	0.100	115.50	75.00-125.00	0.00100U	475216GW2
Chromium	0.122	mg/L	0.100	120.10	75.00-125.00	0.00200	475216GW2
Cobalt	0.120	mg/L	0.100	118.10	75.00-125.00	0.00160	475216GW2
Copper	0.112	mg/L	0.100	110.30	75.00-125.00	0.00130	475216GW2
Lead	0.0953	mg/L	0.100	95.30	75.00-125.00	0.00100U	475216GW2
Nickel	0.117	mg/L	0.100	111.60	75.00-125.00	0.00510	475216GW2
Selenium	0.0876	mg/L	0.100	87.60	75.00-125.00	0.00200U	475216GW2
Silver	0.109	mg/L	0.100	109.10	75.00-125.00	0.000500U	475216GW2
Thallium	0.100	mg/L	0.100	100.00	75.00-125.00	0.00100U	475216GW2
Vanadium	0.126	mg/L	0.100	121.00	75.00-125.00	0.00510	475216GW2
Zinc	0.160	mg/L	0.100	97.80	75.00-125.00	0.0621	475216GW2



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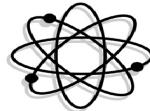
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Quality Control Batch: 10469353		Analyst: EVB							
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Aluminum		0.192	mg/L	0.100	77.00	75.00-125.00	0.115	3.19	20.00
Antimony		0.109	mg/L	0.100	109.20	75.00-125.00	0.00200U	1.20	40.00
Arsenic		0.0871	mg/L	0.100	87.10	75.00-125.00	0.00100U	0.69	20.00
Barium		0.0912	mg/L	0.100	88.70	75.00-125.00	0.00250	0.66	20.00
Beryllium		0.0954	mg/L	0.100	95.40	75.00-125.00	0.000500U	5.05	40.00
Cadmium		0.118	mg/L	0.100	118.00	75.00-125.00	0.00100U	2.14	20.00
Chromium		0.124	mg/L	0.100	121.90	75.00-125.00	0.00200	1.46	20.00
Cobalt		0.118	mg/L	0.100	116.60	75.00-125.00	0.00160	1.26	40.00
Copper		0.114	mg/L	0.100	112.60	75.00-125.00	0.00130	2.04	20.00
Lead		0.0947	mg/L	0.100	94.70	75.00-125.00	0.00100U	0.63	20.00
Nickel		0.116	mg/L	0.100	110.80	75.00-125.00	0.00510	0.69	20.00
Selenium		0.0880	mg/L	0.100	88.00	75.00-125.00	0.00200U	0.46	20.00
Silver		0.110	mg/L	0.100	109.90	75.00-125.00	0.000500U	0.73	20.00
Thallium		0.0998	mg/L	0.100	99.80	75.00-125.00	0.00100U	0.20	40.00
Vanadium		0.126	mg/L	0.100	121.00	75.00-125.00	0.00510	0.00	20.00
Zinc		0.168	mg/L	0.100	106.00	75.00-125.00	0.0621	5.00	20.00

Quality Control Batch: 10469379		Analyst: CCP							
Blank		Result	Units						
Ammonia (as N)		0.0100U	mg/L						
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim			
Ammonia (as N)		2.02	mg/L	2.00	101.00	90.00-110.00			
Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Ammonia (as N)		1.50	mg/L	1.67	101.86	90.00-110.00	-0.201	475342WW5	
Matrix Spike Duplicate		Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Ammonia (as N)		1.50	mg/L	1.67	101.86	90.00-110.00	-0.201	0.00	20.00



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Quality Control Batch: 10469384

Blank	Analyst: CAV
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Blank	Result	Units
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TSS	1.00U	mg/L
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Laboratory Control Sample

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
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TSS	160	mg/L	150	107.02	80.00-120.00
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Quality Control Batch: 10469471

Blank	Analyst: YMP
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Blank	Result	Units
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1,1,1,2-Tetrachloroethane	0.500U	ug/L
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1,1,1-Trichloroethane	0.500U	ug/L
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1,1,2,2-Tetrachloroethane	0.500U	ug/L
---------------------------	--------	------

1,1,2-Trichloroethane	0.500U	ug/L
-----------------------	--------	------

1,1-Dichloroethane	0.500U	ug/L
--------------------	--------	------

1,1-Dichloroethene	0.500U	ug/L
--------------------	--------	------

1,2-dichloroethane	0.500U	ug/L
--------------------	--------	------

1,2-dichloropropane	0.500U	ug/L
---------------------	--------	------

2-Butanone (MEK)	5.00U	ug/L
------------------	-------	------

2-Hexanone	0.500U	ug/L
------------	--------	------

2-chloroethylvinylether	1.00U	ug/L
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Acetone	5.00U	ug/L
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Acrylonitrile	5.00U	ug/L
---------------	-------	------

Benzene	0.500U	ug/L
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Bromochloromethane	1.00U	ug/L
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Bromodichloromethane	0.500U	ug/L
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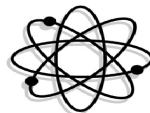
Bromoform	0.500U	ug/L
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Bromomethane	1.00U	ug/L
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Carbon Disulfide	1.00U	ug/L
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Carbon Tetrachloride	0.500U	ug/L
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Chlorobenzene	0.500U	ug/L
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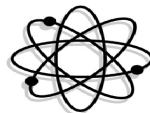
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Quality Control Batch: 10469471

Blank	Analyst: YMP	
	Result	Units
Chloroethane	1.00U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	1.00U	ug/L
Dibromochloromethane	0.500U	ug/L
Dibromomethane	0.500U	ug/L
Dichlorodifluoromethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methyl Iodide	2.00U	ug/L
Methyl isobutyl ketone	2.00U	ug/L
Methylene chloride	1.00U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	10.0U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.500U	ug/L
cis-1,3-Dichloropropene	0.500U	ug/L
m-dichlorobenzene	0.500U	ug/L
o-dichlorobenzene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Surr:1,2-Dichloroethane-d4	30.2	ug/L
Surr:Bromofluorobenzene	31.2	ug/L
Surr:Toluene-d8	29.1	ug/L



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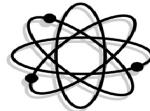
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Quality Control Batch: 10469471

Laboratory Control Sample

	Analyst: YMP				
	Result	Units	Spike	%REC	%REC Lim
1,1,1,2-Tetrachloroethane	42.0	ug/L	40.0	104.98	50.00-150.00
1,1,1-Trichloroethane	36.6	ug/L	40.0	91.60	50.00-150.00
1,1,2,2-Tetrachloroethane	39.7	ug/L	40.0	99.35	50.00-150.00
1,1,2-Trichloroethane	40.1	ug/L	40.0	100.25	50.00-150.00
1,1-Dichloroethane	40.0	ug/L	40.0	99.97	50.00-150.00
1,1-Dichloroethene	34.6	ug/L	40.0	86.55	50.00-150.00
1,2-dichloroethane	39.2	ug/L	40.0	97.92	50.00-150.00
1,2-dichloropropane	41.6	ug/L	40.0	103.93	50.00-150.00
2-Butanone (MEK)	39.8	ug/L	40.0	99.60	50.00-150.00
2-Hexanone	38.6	ug/L	40.0	96.47	50.00-150.00
Acetone	33.5	ug/L	40.0	83.73	50.00-150.00
Acrylonitrile	38.1	ug/L	40.0	95.30	50.00-150.00
Benzene	41.8	ug/L	40.0	104.58	50.00-150.00
Bromochloromethane	37.5	ug/L	40.0	93.62	50.00-150.00
Bromodichloromethane	40.5	ug/L	40.0	101.17	70.00-130.00
Bromoform	38.2	ug/L	40.0	95.47	50.00-130.00
Bromomethane	36.0	ug/L	40.0	90.10	50.00-150.00
Carbon Disulfide	41.1	ug/L	40.0	102.73	50.00-150.00
Carbon Tetrachloride	38.1	ug/L	40.0	95.17	50.00-150.00
Chlorobenzene	41.3	ug/L	40.0	103.30	50.00-150.00
Chloroethane	36.4	ug/L	40.0	90.87	50.00-150.00
Chloroform	38.4	ug/L	40.0	95.95	50.00-150.00
Chloromethane	28.6	ug/L	40.0	71.55	50.00-150.00
Dibromochloromethane	42.4	ug/L	40.0	106.00	50.00-150.00
Dibromomethane	39.0	ug/L	40.0	97.45	50.00-150.00
Dichlorodifluoromethane	20.4	ug/L	40.0	51.05	35.00-155.00
Ethylbenzene	41.2	ug/L	40.0	102.95	50.00-150.00
Methyl Iodide	39.4	ug/L	40.0	98.42	50.00-150.00
Methyl isobutyl ketone	38.5	ug/L	40.0	96.20	50.00-150.00



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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 30, 2021
Jul 14, 2021; Invoice: 475439

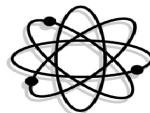
Quality Control Batch: 10469471

Laboratory Control Sample

	Analyst: YMP				
	Result	Units	Spike	%REC	%REC Lim
Methylene chloride	32.5	ug/L	40.0	81.20	50.00-150.00
Para-dichlorobenzene	39.8	ug/L	40.0	99.43	50.00-150.00
Styrene	40.6	ug/L	40.0	101.60	50.00-150.00
Tetrachloroethene	38.2	ug/L	40.0	95.42	50.00-150.00
Toluene	44.1	ug/L	40.0	110.35	50.00-150.00
Trichloroethene	38.6	ug/L	40.0	96.58	50.00-150.00
Trichlorofluoromethane	29.5	ug/L	40.0	73.75	50.00-150.00
Vinyl chloride	32.6	ug/L	40.0	81.53	50.00-150.00
Xylenes	121	ug/L	120	100.77	50.00-150.00
cis-1,2-dichloroethene	41.4	ug/L	40.0	103.40	50.00-150.00
cis-1,3-Dichloropropene	44.4	ug/L	40.0	110.95	50.00-150.00
m-dichlorobenzene	41.7	ug/L	40.0	104.25	50.00-150.00
o-dichlorobenzene	41.1	ug/L	40.0	102.85	50.00-150.00
trans-1,2-dichloroethene	37.7	ug/L	40.0	94.27	50.00-150.00
trans-1,3,-Dichloropropene	42.8	ug/L	40.0	106.98	50.00-150.00
Surr:1,2-Dichloroethane-d4	30.1	ug/L	30.0	100.37	50.00-150.00
Surr:Bromofluorobenzene	29.4	ug/L	30.0	97.93	50.00-150.00
Surr:Toluene-d8	30.5	ug/L	30.0	101.57	50.00-150.00

Laboratory Control Sample Duplicate

	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,1,1,2-Tetrachloroethane	40.6	ug/L	40.0	101.60	50.00-150.00	3.27	20.00
1,1,1-Trichloroethane	35.6	ug/L	40.0	89.10	50.00-150.00	2.77	20.00
1,1,2,2-Tetrachloroethane	39.9	ug/L	40.0	99.65	50.00-150.00	0.30	20.00
1,1,2-Trichloroethane	38.3	ug/L	40.0	95.72	50.00-150.00	4.62	20.00
1,1-Dichloroethane	38.4	ug/L	40.0	96.07	50.00-150.00	3.98	20.00
1,1-Dichloroethene	34.4	ug/L	40.0	86.08	50.00-150.00	0.55	20.00
1,2-dichloroethane	38.1	ug/L	40.0	95.28	50.00-150.00	2.74	20.00
1,2-dichloropropane	39.3	ug/L	40.0	98.25	50.00-150.00	5.61	20.00
2-Butanone (MEK)	36.0	ug/L	40.0	90.05	50.00-150.00	10.07	20.00



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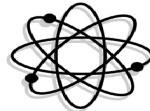
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Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 524345
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 30, 2021
Jul 14, 2021; Invoice: 475439

Laboratory Control Sample Duplicate	Analyst: YMP	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
2-Hexanone		38.2	ug/L	40.0	95.45	50.00-150.00	1.07	20.00
Acetone		31.9	ug/L	40.0	79.70	50.00-150.00	4.93	20.00
Acrylonitrile		39.0	ug/L	40.0	97.50	50.00-150.00	2.28	30.00
Benzene		40.4	ug/L	40.0	101.00	50.00-150.00	3.48	20.00
Bromochloromethane		36.2	ug/L	40.0	90.45	50.00-150.00	3.45	20.00
Bromodichloromethane		39.1	ug/L	40.0	97.72	70.00-130.00	3.47	20.00
Bromoform		36.9	ug/L	40.0	92.15	50.00-130.00	3.54	20.00
Bromomethane		37.1	ug/L	40.0	92.80	50.00-150.00	2.95	20.00
Carbon Disulfide		41.2	ug/L	40.0	102.90	50.00-150.00	0.17	20.00
Carbon Tetrachloride		36.3	ug/L	40.0	90.65	50.00-150.00	4.87	20.00
Chlorobenzene		39.9	ug/L	40.0	99.62	50.00-150.00	3.62	20.00
Chloroethane		36.6	ug/L	40.0	91.60	50.00-150.00	0.79	20.00
Chloroform		37.1	ug/L	40.0	92.80	50.00-150.00	3.34	20.00
Chloromethane		28.4	ug/L	40.0	70.93	50.00-150.00	0.88	20.00
Dibromochloromethane		40.9	ug/L	40.0	102.35	50.00-150.00	3.50	20.00
Dibromomethane		37.9	ug/L	40.0	94.65	50.00-150.00	2.92	20.00
Dichlorodifluoromethane		21.1	ug/L	40.0	52.67	35.00-155.00	3.13	20.00
Ethylbenzene		40.0	ug/L	40.0	100.05	50.00-150.00	2.86	20.00
Methyl Iodide		39.9	ug/L	40.0	99.72	50.00-150.00	1.31	20.00
Methyl isobutyl ketone		37.3	ug/L	40.0	93.12	50.00-150.00	3.25	20.00
Methylene chloride		32.8	ug/L	40.0	82.03	50.00-150.00	1.01	20.00
Para-dichlorobenzene		39.3	ug/L	40.0	98.33	50.00-150.00	1.11	20.00
Styrene		39.5	ug/L	40.0	98.73	50.00-150.00	2.87	20.00
Tetrachloroethene		38.2	ug/L	40.0	95.60	50.00-150.00	0.18	20.00
Toluene		43.2	ug/L	40.0	108.05	50.00-150.00	2.11	20.00
Trichloroethene		37.3	ug/L	40.0	93.18	50.00-150.00	3.58	20.00
Trichlorofluoromethane		29.6	ug/L	40.0	74.00	50.00-150.00	0.34	20.00
Vinyl chloride		33.0	ug/L	40.0	82.48	50.00-150.00	1.16	20.00
Xylenes		118	ug/L	120	98.11	50.00-150.00	2.67	20.00



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Tampa, FL 33607

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Jul 14, 2021; Invoice: 475439

Quality Control Batch: 10469471**Laboratory Control Sample Duplicate**

	Analyst: YMP						
	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
cis-1,2-dichloroethene	40.0	ug/L	40.0	100.07	50.00-150.00	3.27	20.00
cis-1,3-Dichloropropene	42.3	ug/L	40.0	105.78	50.00-150.00	4.78	20.00
m-dichlorobenzene	41.6	ug/L	40.0	104.03	50.00-150.00	0.22	20.00
o-dichlorobenzene	41.1	ug/L	40.0	102.67	50.00-150.00	0.17	20.00
trans-1,2-dichloroethene	36.2	ug/L	40.0	90.38	50.00-150.00	4.22	20.00
trans-1,3,-Dichloropropene	41.0	ug/L	40.0	102.50	50.00-150.00	4.27	20.00
Surr:1,2-Dichloroethane-d4	29.4	ug/L	30.0	98.13	50.00-150.00	2.25	20.00
Surr:Bromofluorobenzene	27.9	ug/L	30.0	93.07	50.00-150.00	5.10	20.00
Surr:Toluene-d8	30.7	ug/L	30.0	102.20	50.00-150.00	0.62	20.00

Quality Control Batch: 10469541**Laboratory Control Sample**

	Analyst: CAV						
	Result	Units	Spike	%REC	%REC Lim		
Blank							
TDS	2.50U	mg/L					

Blank

TDS

	Result	Units	Spike	%REC	%REC Lim		
Laboratory Control Sample							
TDS	1560	mg/L	1500	104.27	80.00-120.00		

Duplicate

TDS

	Result	Units	Sample	RPD	RPD Lim	Lab Number	
Laboratory Control Sample							
TDS	434	mg/L	466	7.11	20.00	475215GW2	

Quality Control Batch: 10469552**Blank**

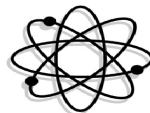
TKN(as N)

	Analyst: CHL						
	Result	Units	Spike	%REC	%REC Lim		
Blank							
TKN(as N)	0.200U	mg/L					

Laboratory Control Sample

TKN(as N)

	Result	Units	Spike	%REC	%REC Lim		
Laboratory Control Sample							
TKN(as N)	3.17	mg/L	3.00	105.67	90.00-110.00		



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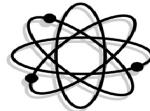
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Client Project #: HARDEE COUNTY REGIONAL LAN
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Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
TKN(as N)	3.59	mg/L	3.00	96.39	90.00-110.00	0.698	474424W2	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
TKN(as N)	3.59	mg/L	3.00	96.39	90.00-110.00	0.698	0.00	20.00

Quality Control Batch: 10469555	Analyst: CHL							
Blank	Result	Units						
Total Phosphorus(as P)	0.0400U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Total Phosphorus(as P)	1.52	mg/L	1.50	101.33	90.00-110.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Total Phosphorus(as P)	2.70	mg/L	1.50	124.45	90.00-110.00	0.833	474424W2	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Total Phosphorus(as P)	2.70	mg/L	1.50	124.45	90.00-110.00	0.833	0.00	20.00

Quality Control Batch: 10469605	Analyst: PCW							
Blank	Result	Units						
Mercury	0.00000500U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Mercury	0.0000238	mg/L	0.0000200	119.00	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Mercury	0.0000517	mg/L	0.0000500	97.80	80.00-120.00	0.00000280	475553GW1	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.0000492	mg/L	0.0000500	92.80	80.00-120.00	0.00000280	4.96	20.00



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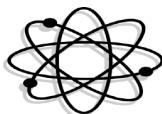
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Quality Control Batch: 10469874

	Analyst:	IAD
Blank	Result	Units
Chlorophyll a	0.0200U	ug/L

Quality Control Batch: 10469975

	Analyst:	CCP
Blank	Result	Units
Unionized NH3(as N)	0.000100U	mg/L



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Narrative Report

Sample Handling

Sample holding time criteria were met for all samples. Samples collected by submitter.
Results are reported on a wet weight basis.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Additional Comments

"Y" qualifier is applied to EPA8260B detected values as biased low due to headspace in the 40mL vials upon receipt.

Attachments

Chain of Custody
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

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Fax: 407-339-6110

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Bus: 305-743-6598
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Atkins-Tampa					Project Name	Hardee Landfill SW					P.O. #	40612					
4030 W. Boy Scout Blvd, Ste 700,					Client Contact	Bradley Bayne					FAX						
Tampa, FL, 33607					FCL Project Manager	June Flowers Ext. 212					E-MAIL						
727-424-6716					Requested Due Date 10 Day Standard	OR					Rush Charge May Apply						
					Pick-Up Fee	\$	Vehicle Surcharge				\$	Sampling Fee	\$				
Sample Type (P-R-S-H)					Date Sampled	PRESERVATIVES			ANALYSES REQUEST		COMMENTS			Total # Containers			
GW - ground water DW - drinking water WW - wastewater SW - surface water S - soil/solid SL - sludge HW - waste						NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃	Metals*, TH App 18260*	Fecal Coli (Un-ion) NH ₃ , TN, TP, COD	TDS, TSS BOD, NO ₃	Chlorophyll A APP1 8011	TOC	Use Quick-list: "Landfill Surface" *Trip Blank: 8260 *Metals: Hg-LL, Fe,Al	11
1	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAE NO.	5	2	1	4	1	X	X	X	X	X	1	
2	TRIP BLANK			SW	↓ ↓ 2						X						
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
Relinquished By / Affiliation			Date	Time	Accepted By / Affiliation		Date	Time	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time	
Roger Atkins			2/30/21	11M	6/30 2:58		HM		Roger Atkins		6/30		Roger Atkins		6/30/21	1735	
W/30/21																	

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

* WHITE - Lab Copy - To Be Scanned

* YELLOW - Client Copy

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on ice
Rev 03-06

Flowers Chemical Laboratories

481 Newburyport Ave.

Altamonte Springs, FL 32701

KIT REQUEST FORM

6/30/27

Phone (407) 339-5984 Fax (407) 260-6110

Too much HEAD SPACE!

475439